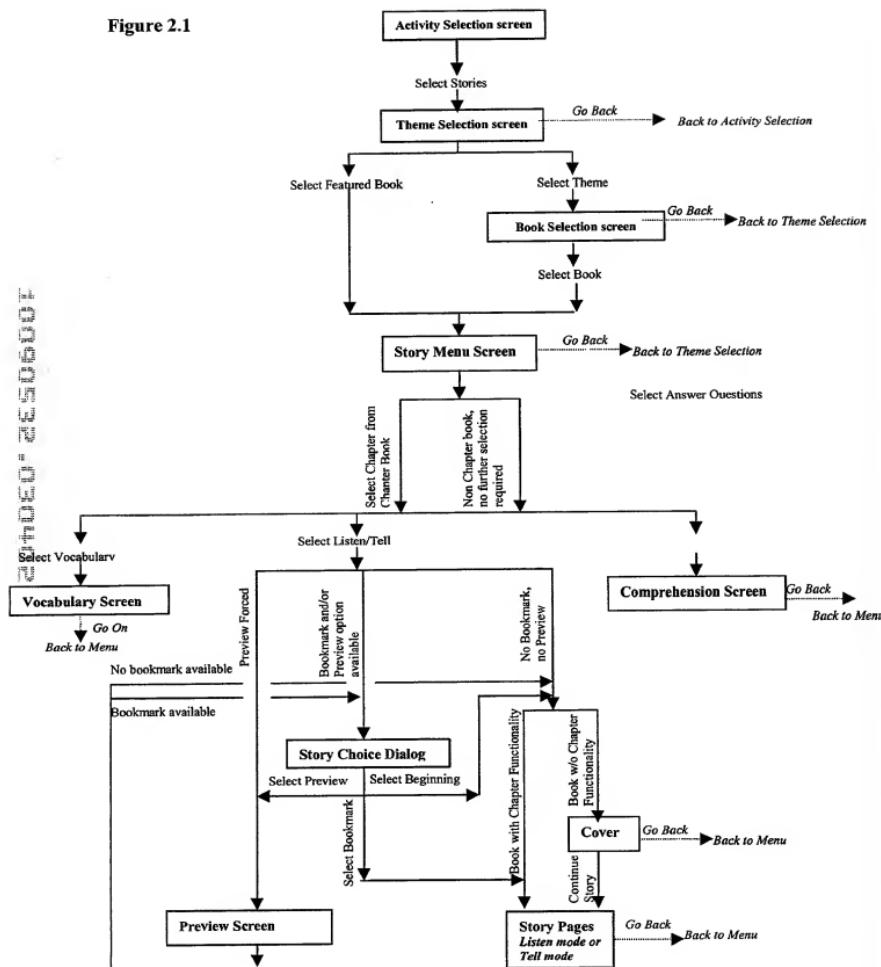
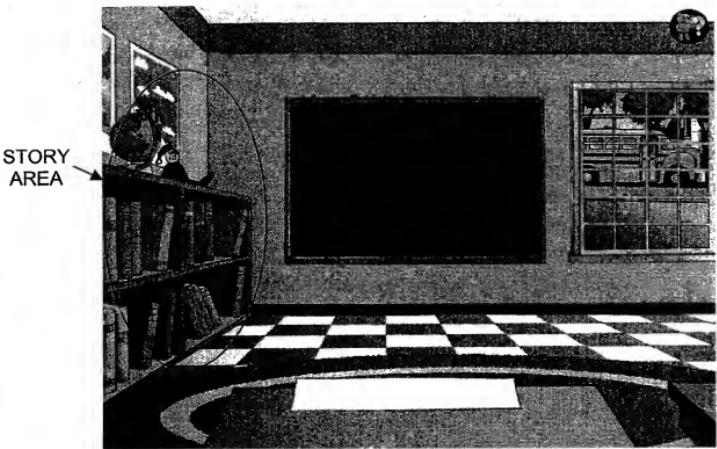


**Figure 2.1**

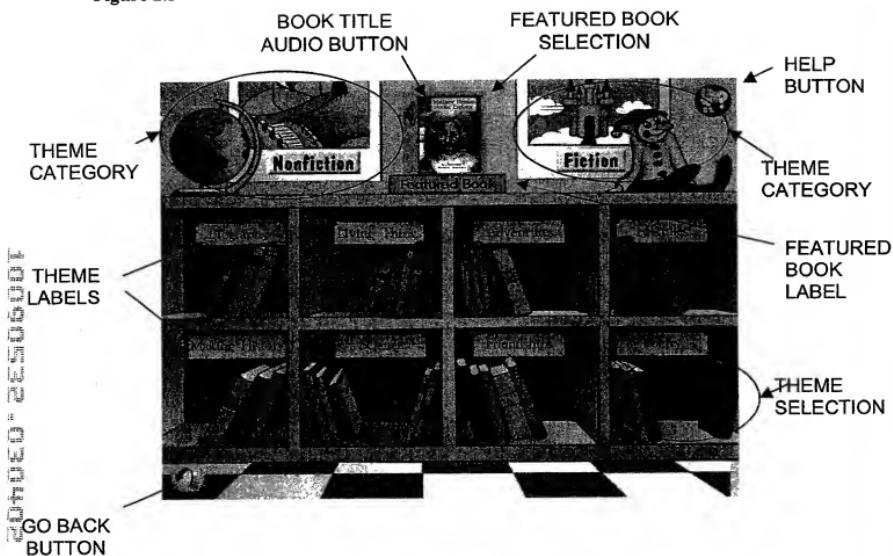


**Figure 2.2**

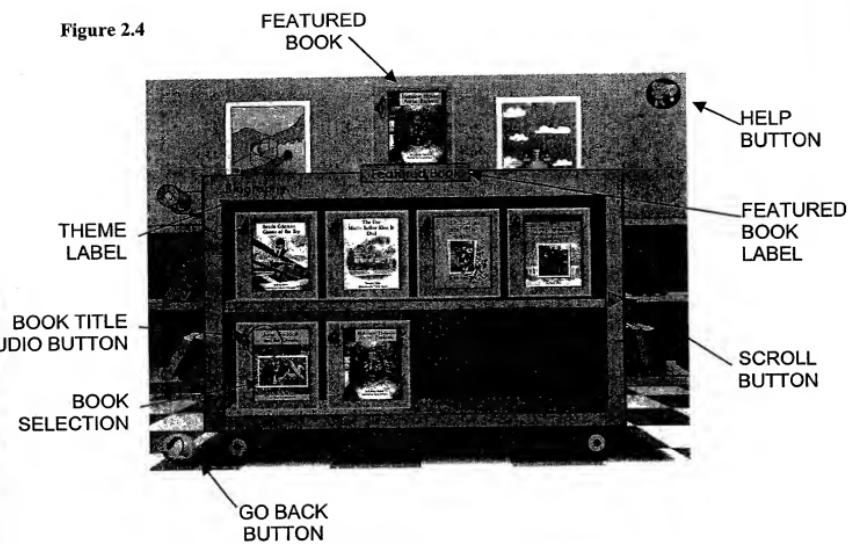


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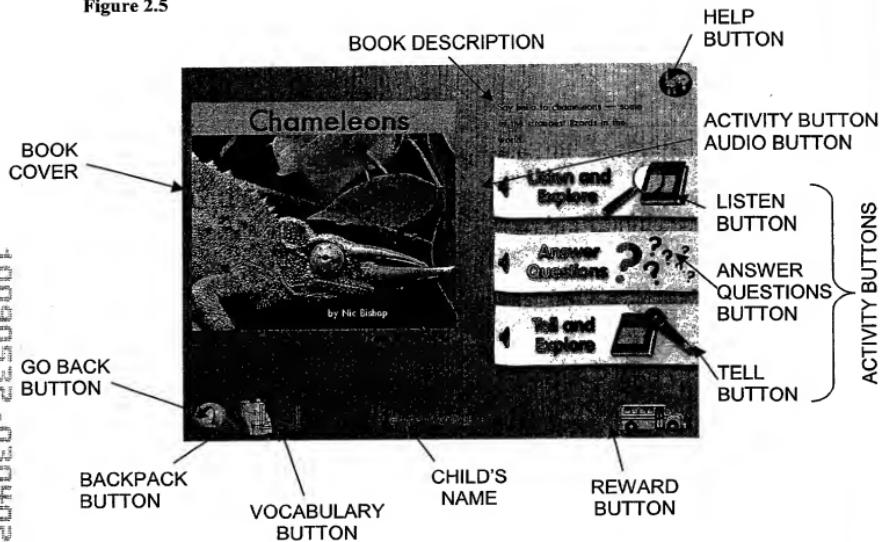
**Figure 2.3**



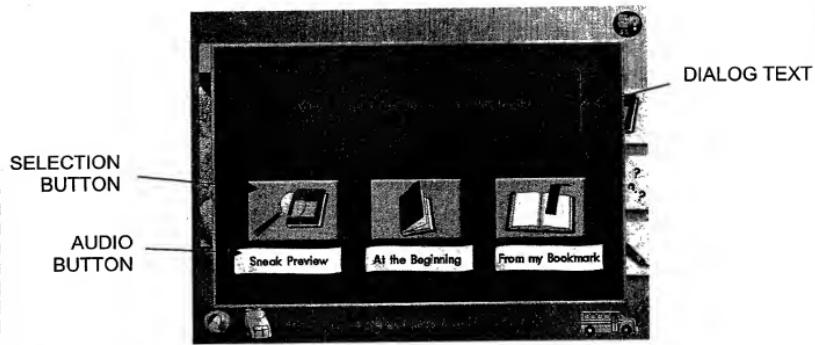
**Figure 2.4**



**Figure 2.5**

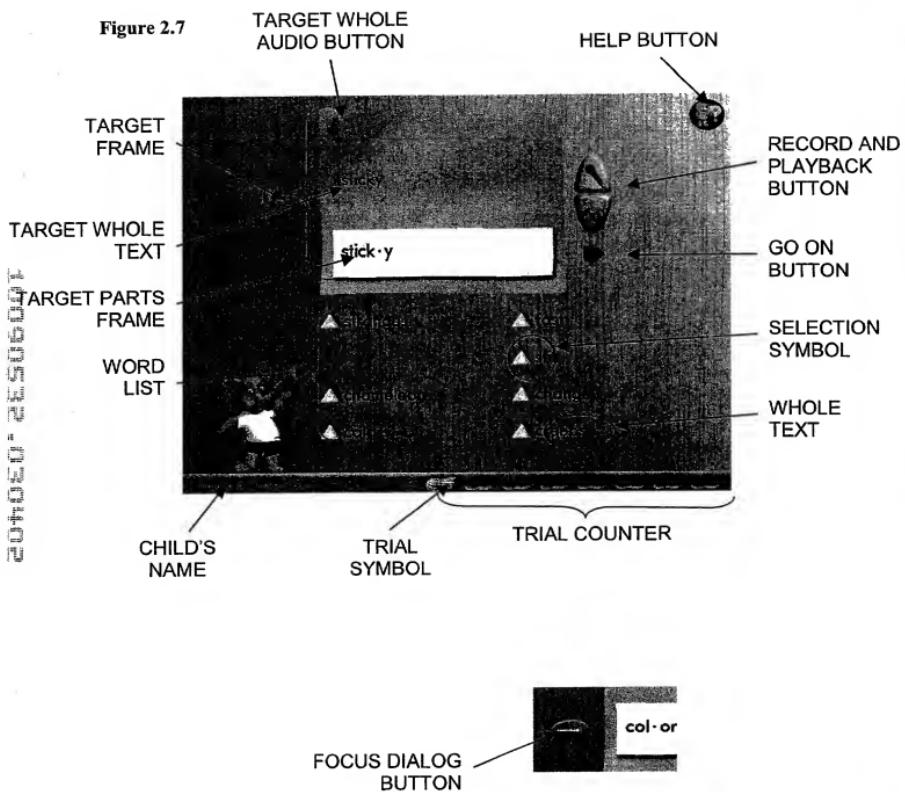


**Figure 2.6**

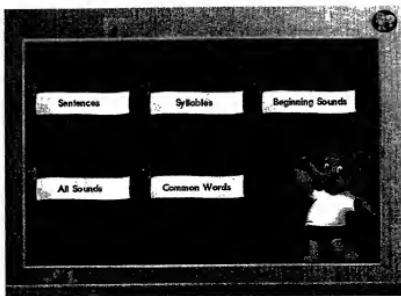


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**Figure 2.7**



**Figure 2.8**



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**Figure 2.9**

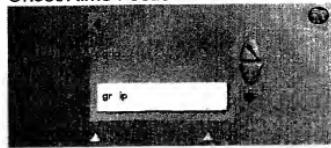
**Sentences Focus**



**Syllables and High Frequency Foci**



**Onset/Rime Focus**



**Sounds Focus**



**Figure 2.10**

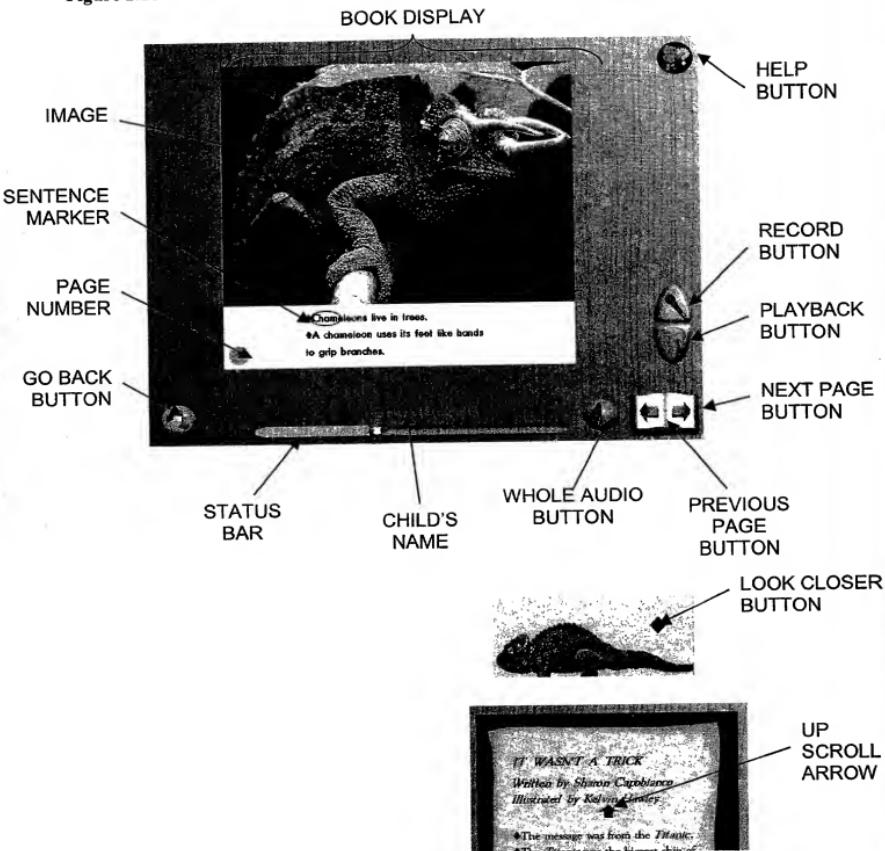
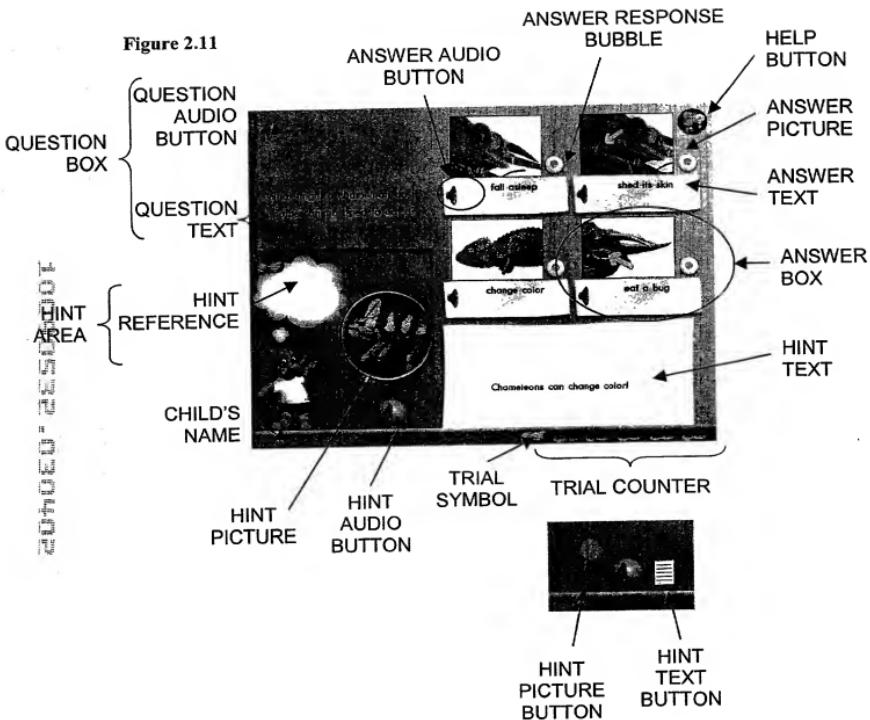
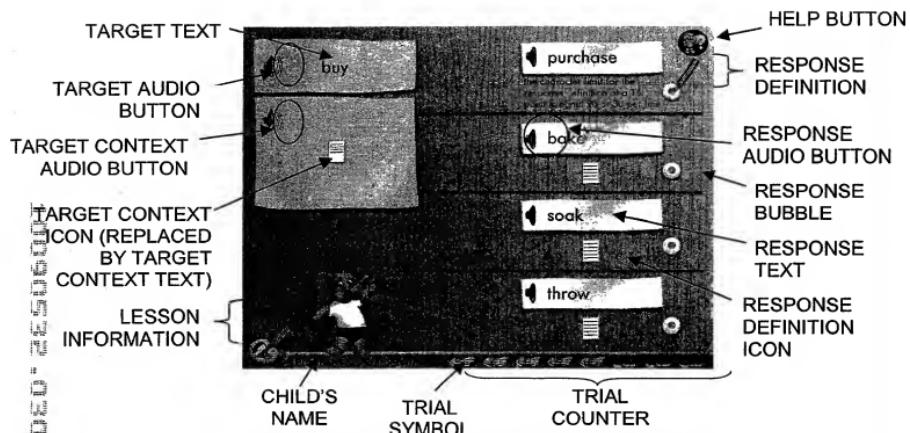


Figure 2.11



**Figure 2.12**



**Figure 2.13**

**AVL 1**

	Question	Answer	Hint
Picture	Initial	Initial	Initial
Text	Initial	Initial	Initial
Audio	Initial	On Demand	On Demand

Note: at AVL 1, only two answers will be presented.



**AVL 2**

	Question	Answer	Hint
Picture	Initial	Initial	Initial
Text	Initial	Initial	Initial
Audio	Initial	On Demand	On Demand

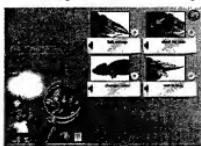
Note: at AVL 2-7, four answers will be presented.



**AVL 3**

	Question	Answer	Hint
Picture	Initial	On Demand	On Demand
Text	Initial	Initial	On Demand
Audio	Initial	On Demand	On Demand

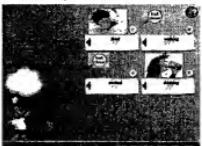
Note: at AVL 2-7, four answers will be presented.



**AVL 4**

	Question	Answer	Hint
Picture	On Demand	On Demand	On Demand
Text	Initial	Initial	Never
Audio	Initial	On Demand	Never

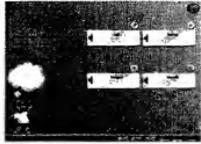
Note: at AVL 2-7, four answers will be presented.



**AVL 5**

	Question	Answer	Hint
Picture	Never	Never	Never
Text	Initial	Initial	Never
Audio	On Demand	On Demand	Never

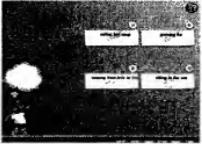
Note: at AVL 2-7, four answers will be presented.



**AVL 6**

	Question	Answer	Hint
Picture	Never	Never	Never
Text	Initial	Initial	Never
Audio	On Demand	Never	Never

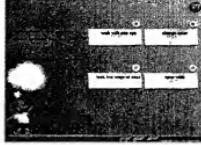
Note: at AVL 2-7, four answers will be presented.

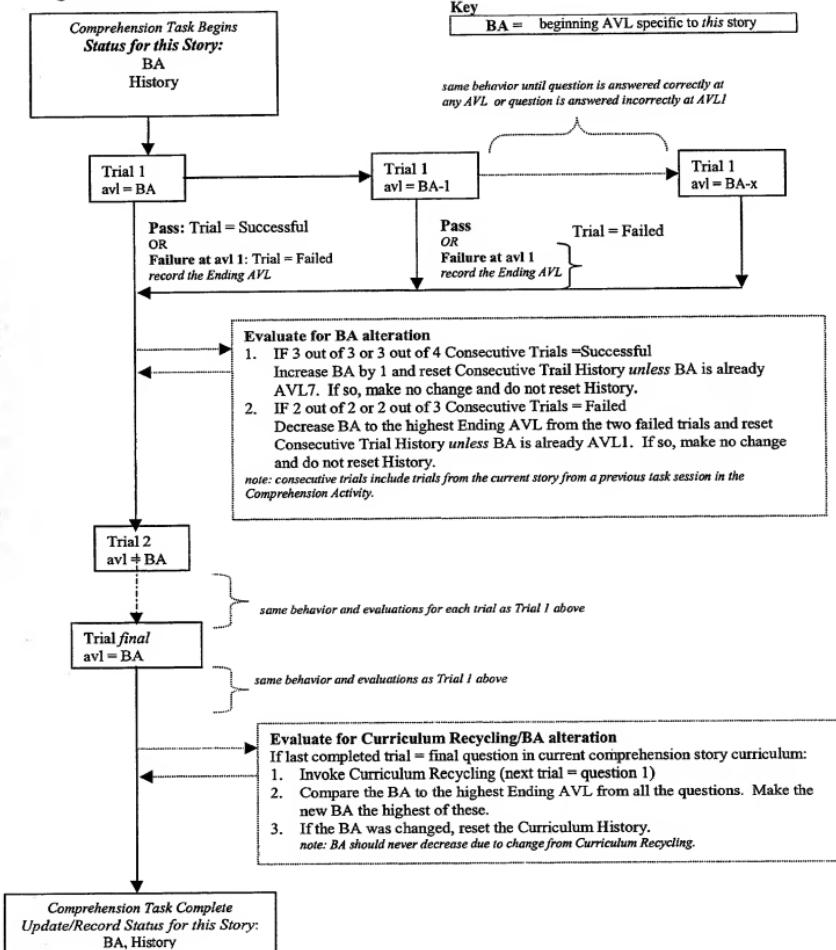


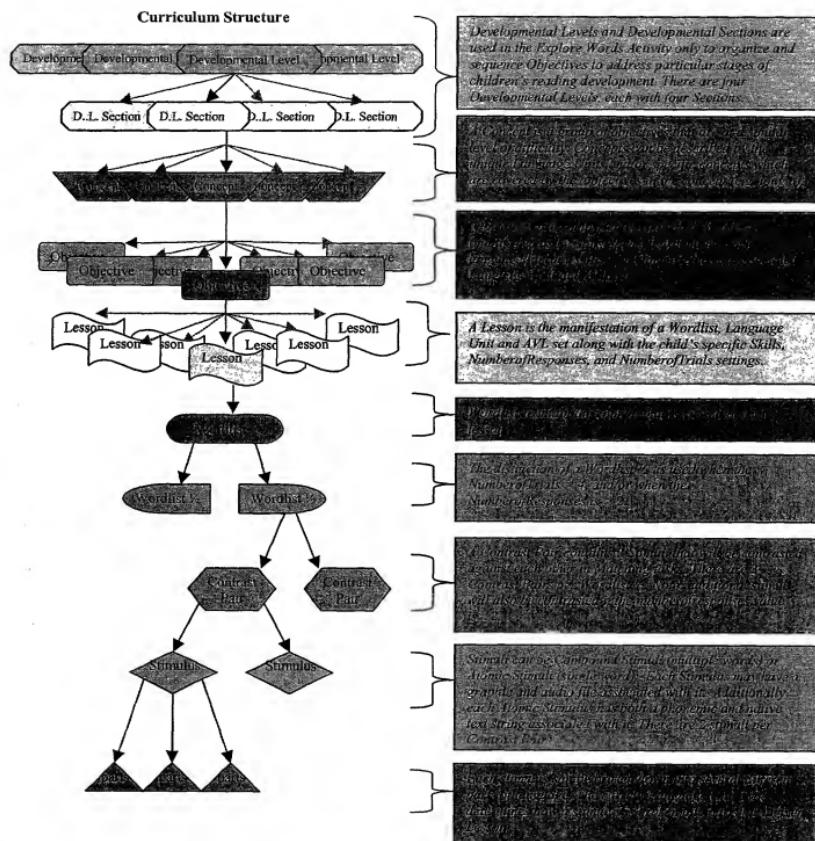
**AVL 7**

	Question	Answer	Hint
Picture	Never	Never	Never
Text	Initial	Initial	Never
Audio	Never	Never	Never

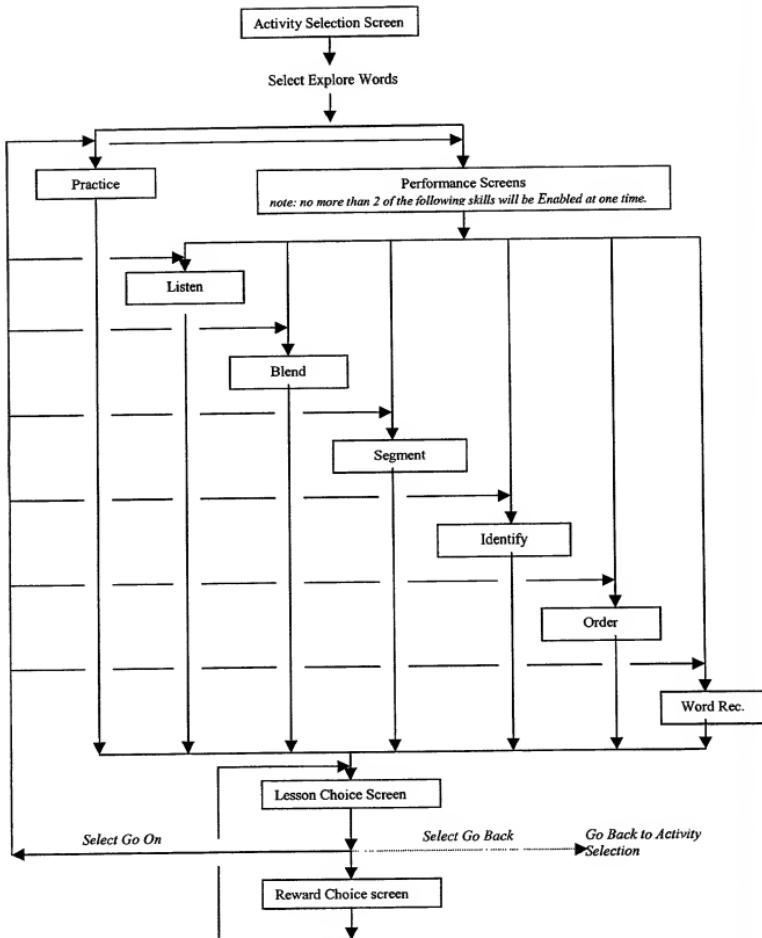
Note: at AVL 2-7, four answers will be presented.



**Figure 2.14**

**Figure 3.1**

**Figure 3.2**



**Figure 3.3**



**EXPLORE WORDS AREA**

**Figure 3.4**

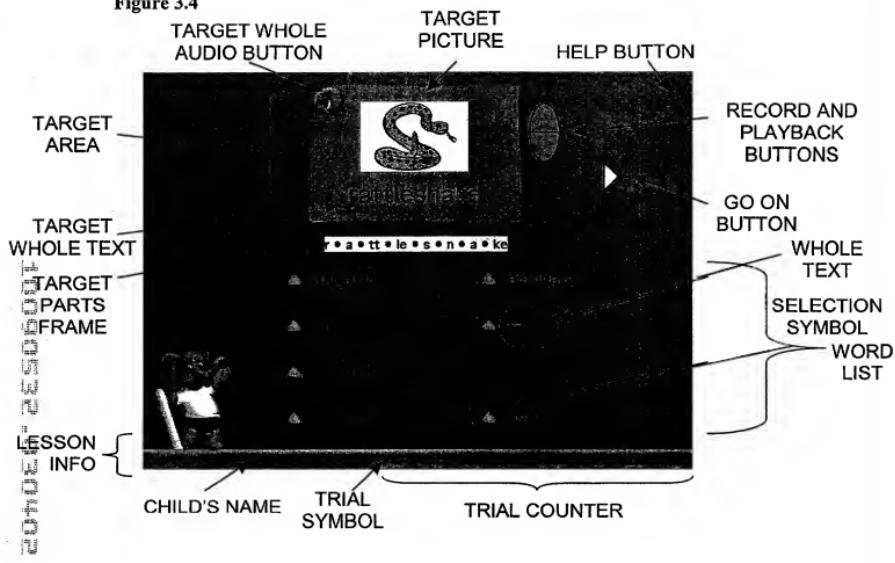
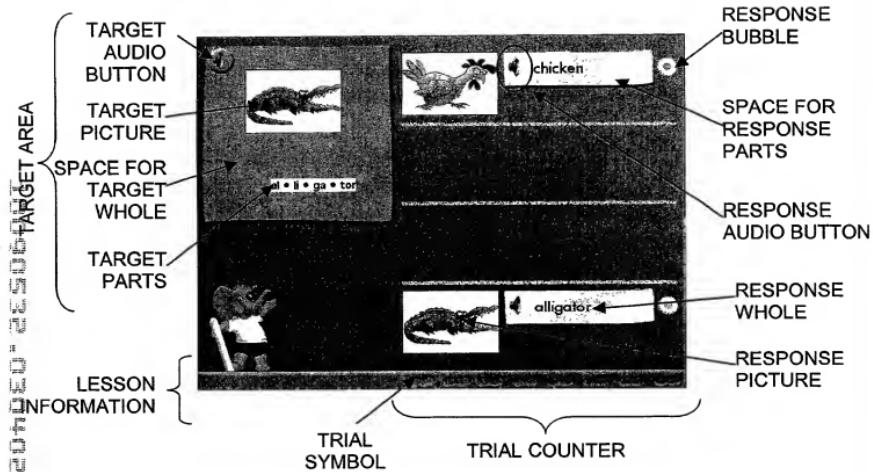
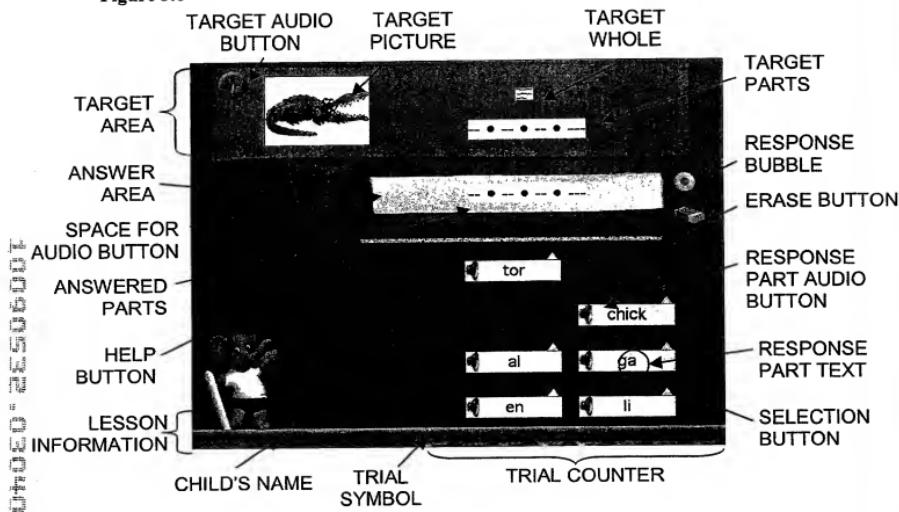


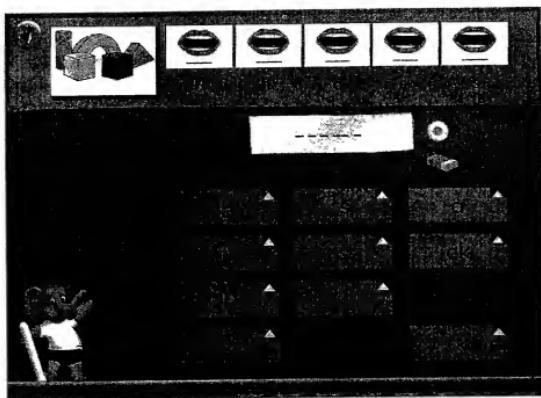
Figure 3.5



**Figure 3.6**



**Figure 3.7**



## Key:

LU = language unit

type

Obj = objective

# Res. = Number of

Responses

P1-8 = Practice

trials 1-8

+ = Successful

- = Failed

N =

Neutral/Passed

Figure 3.8.1

LU	Obj	Lesson	# Res.	Trial	Listen			Blend			Segment			Identify			Order			Word Rec			Overall Score		Rule in use	
					1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	Sk	Ls		
Sent	1	1	3	P1-8																						
				1	+																					
				2	+																					
				3	+																					
				4		+																				3f
				5		-																				
				6		+																				
				7		-																				3g
				8		+																			+	4a, 5a
				1		+																				
				2		-																				
				3		-																				
				4		-																				3g
				5		+																				
				6		+																				
				7		+																				
				8		+																			-	3f, 4c, 5c
				1		+																				
				2		-																				
				3		-																				
				4		-																				
				5		+																				
				6		+																				3g
				7		+																				
				8		+																			N	4b, 5b1
																									N	6avi

**Figure 3.8.2**

1	2	3	P1-8						6b
1				+					
2				-					
3				+					
4				+					3f
5				+					
6				+					
7				+					
8				+				+	4a, 5a 3f
1					+				
2					-				
3					+				
4					-				
5					+				3g
6					+				
7					+				
8					+			+	3f, 4a, 5d 6aiii
+								+	
1	3	3	P1-8						6b
1				+					
2				+					
3				+					
4				-					
5				+					
6				+					
7				+					
8				+				+	4a, 5a
1					-				
2					+				
3					+				
4					-				
5					+				
6					+				
7					+				
8					+			+	4a, 5d 6aiii

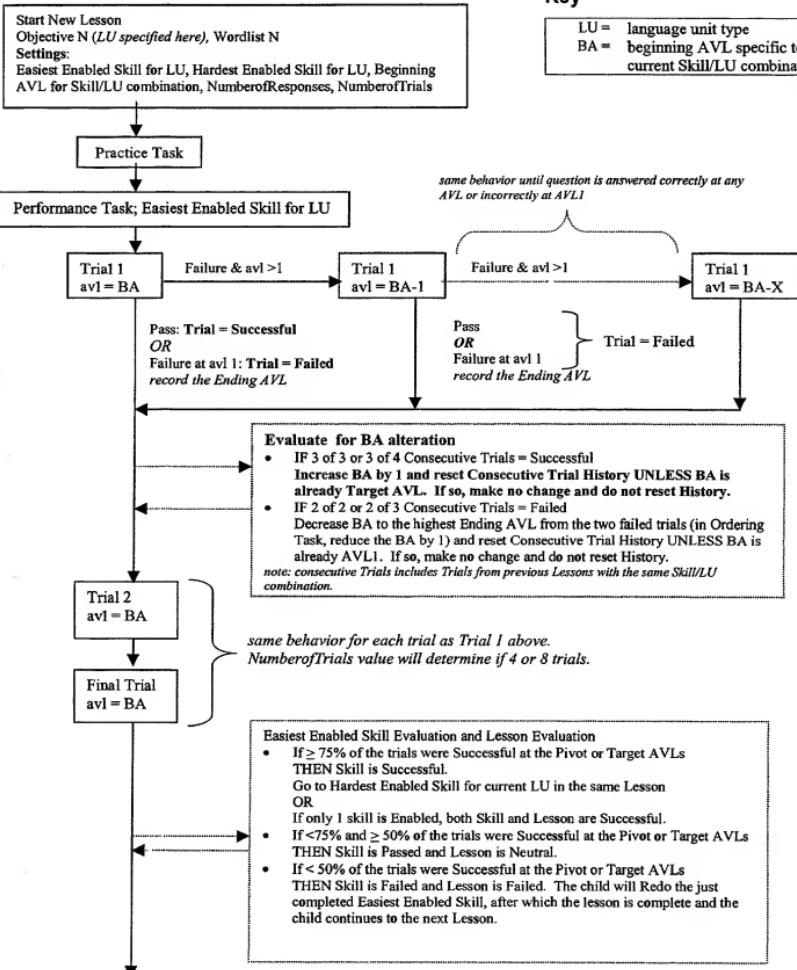
**Figure 3.8.3**

**Figure 3.9.1**

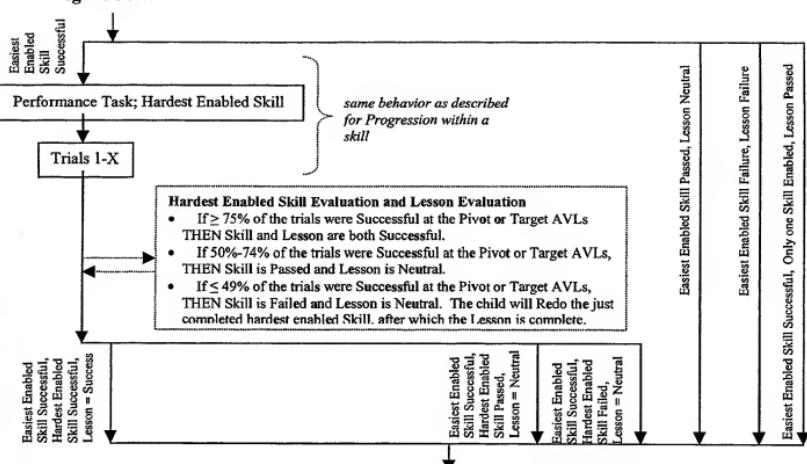
**Progression within a Skill**

**Key**

LU = language unit type  
 BA = beginning AVL specific to the current Skill/LU combination



**Figure 3.9.2**



#### Changes to Number of Responses based on Lesson Evaluation

Once either of the following conditions have been invoked, no further changes will be made to the NumberofResponses until at least two more consecutive Lessons have been Successful or Failed. If 2 out of 2 or 2 out of 3 consecutive Lessons have been:

1. Successful AND the NumberofResponses < 4, THEN increase NumberofResponses by 1.
  2. Failed AND the NumberofResponses > 2, THEN reduce NumberofResponses by 1.
- Otherwise, no the NumberofResponses will not change.

#### Changes to Skills and Placement based on Lesson Evaluation

Once any of the following rules are applied, clear the Consecutive Lesson History.

If 3 or 3 or 4 of 4 Consecutive Lessons within the same LU = Successful, apply the following rules in order:

1. If the enabled Skills for the current LU are not the hardest available Skills, THEN
  - Easiest Enabled Skill is disabled
  - Hardest Enabled Skill becomes the Easiest Enabled Skill
  - Next most difficult available skill becomes the new Hardest Enabled skill
  - Child goes through new Hardest Enabled skill with current wordlist, after which Lesson is complete (but not re-evaluated).
2. If the Enabled Skills = the Hardest Available Skills, THEN the child will go to the first Lesson in the next sequential Objective. If the child has triggered an objective change three times out of the last 9-12 consecutive lessons, AND the child has not had a progression prompted assessment within the last week, AND the child's current curriculum placement is before the ~~end~~ part of the curriculum, schedule an Assessment for next session. An update will be sent to the teacher informing her of the Assessment.

If 2 of 2 or 2 of 3 Consecutive Lessons = Failed, apply the following rules in order:

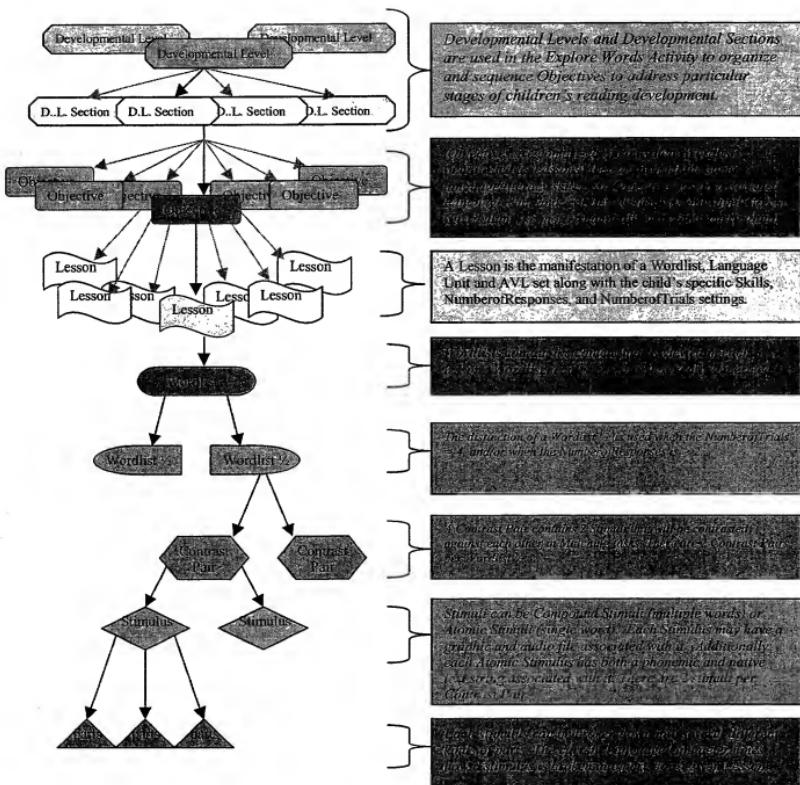
1. If the Enabled Skills for the current LU are not the Easiest Available Skills THEN
  - Hardest Enabled Skill is disabled
  - Easiest Enabled Skill becomes the Hardest Enabled Skill
  - Next least difficult available skill becomes the new Easiest Enabled skill.
2. If the Enabled Skills = the Easiest Available Skills, THEN schedule an assessment for next session. An update will be sent to

All cases (except point 2 under Success above)

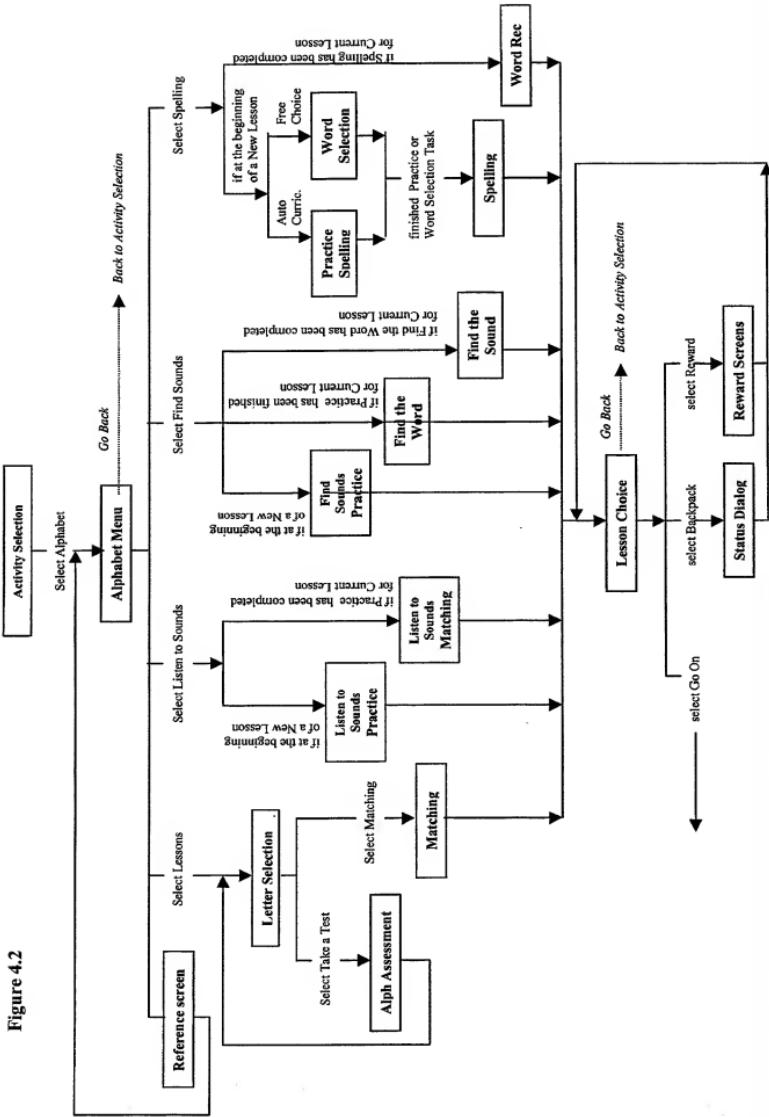
Cases 2 under Success above

Start New Lesson: Go to the next Lesson in the same Objective.  
Same Rules as above.

Start New Lesson: Go to the first Lesson in the next Objective.  
Same Rules as above.

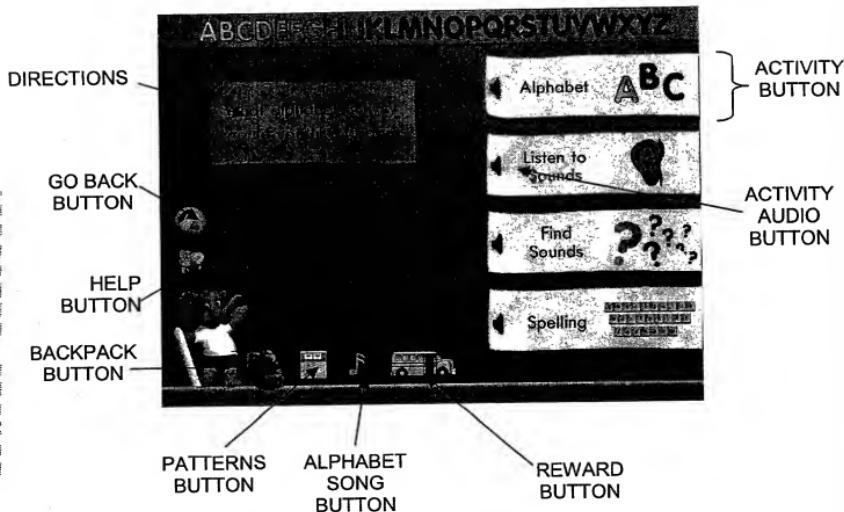
**Figure 4.1**

**Figure 4.2**

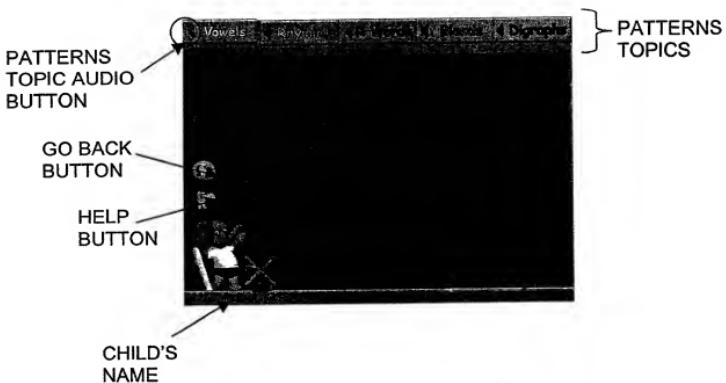


**Figure 4.3**

DRAFT - 09/09/2012



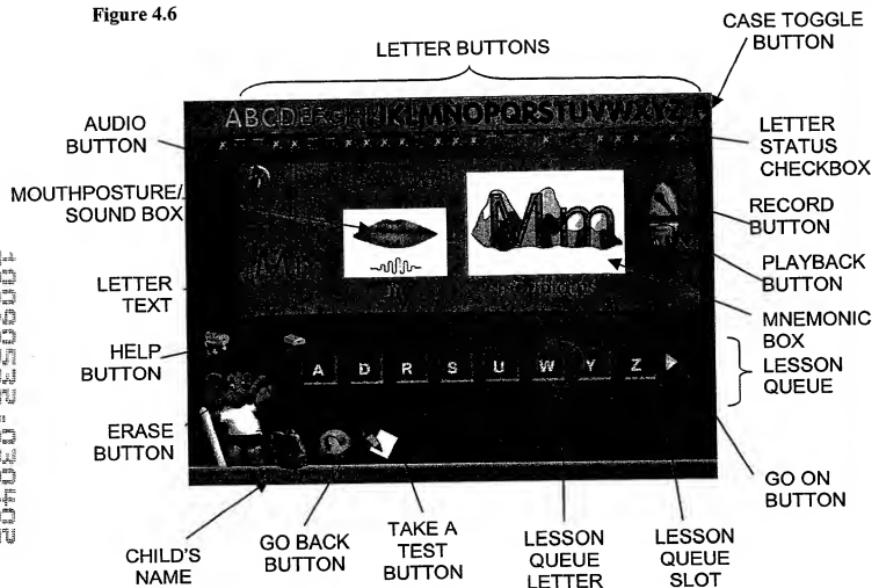
**Figure 4.4**



**Figure 4.5**

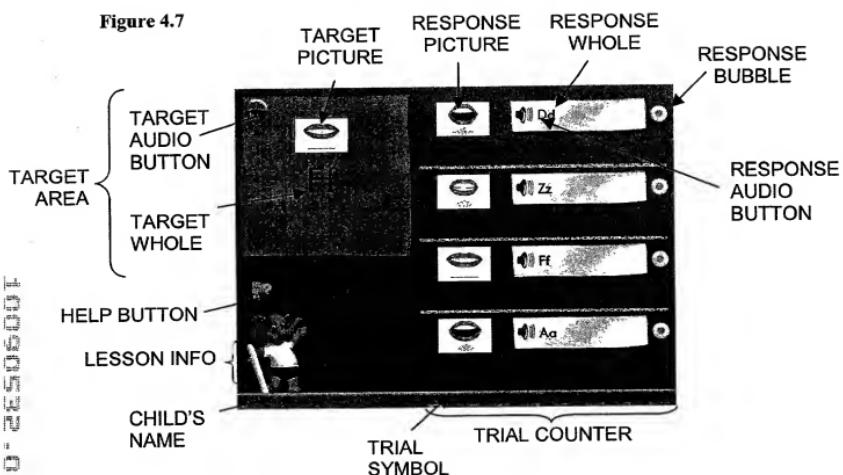


**Figure 4.6**



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**Figure 4.7**



**Figure 4.8**

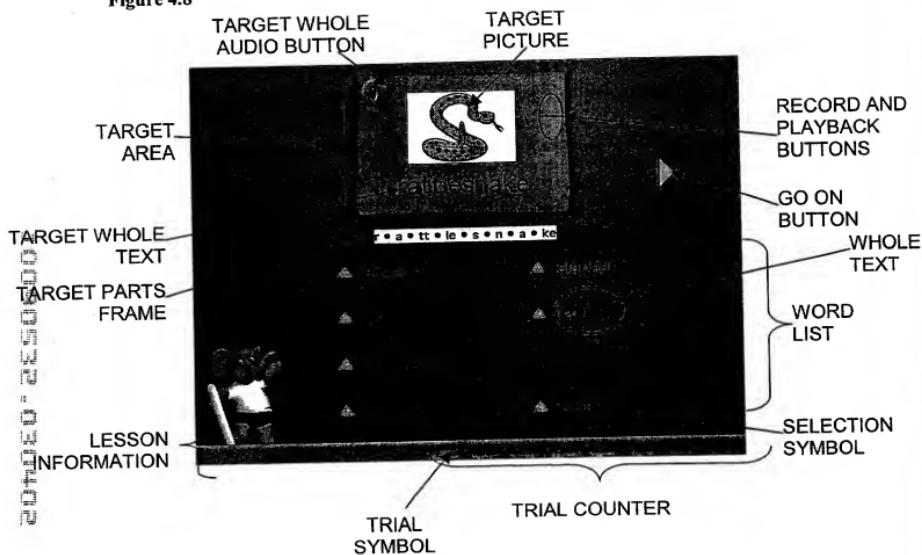
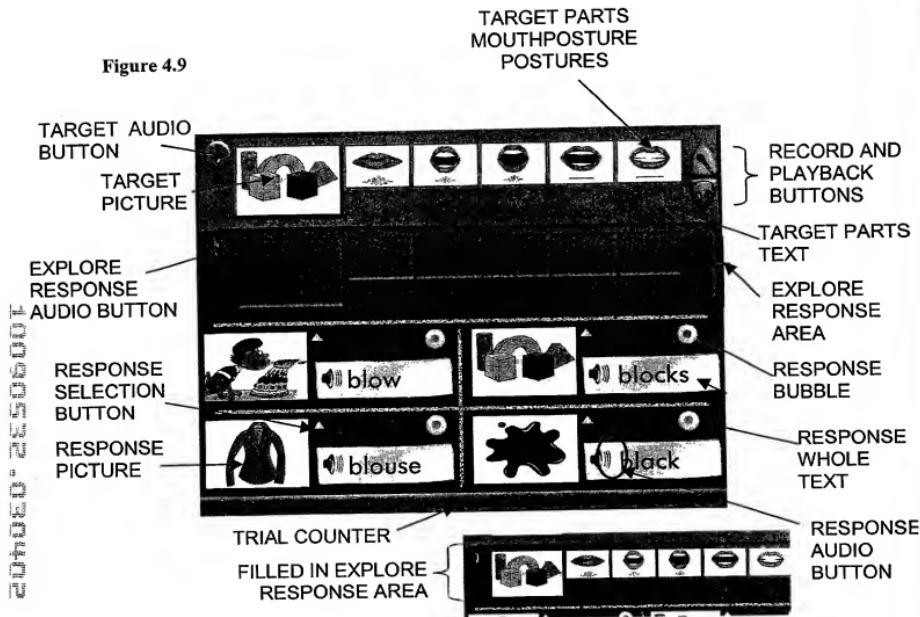


Figure 4.9



**Figure 4.10**



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**Figure 4.11**

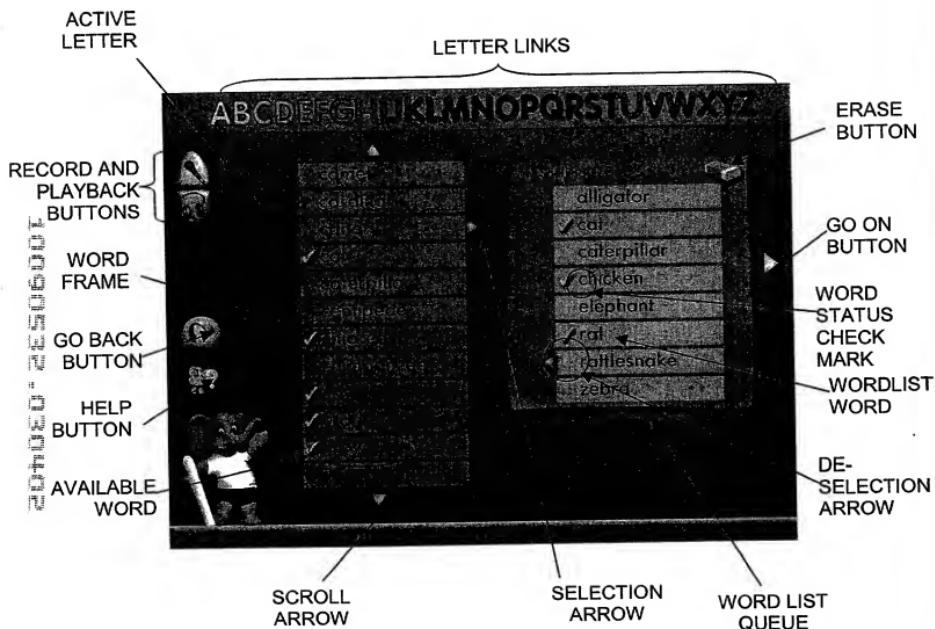


Figure 4.12

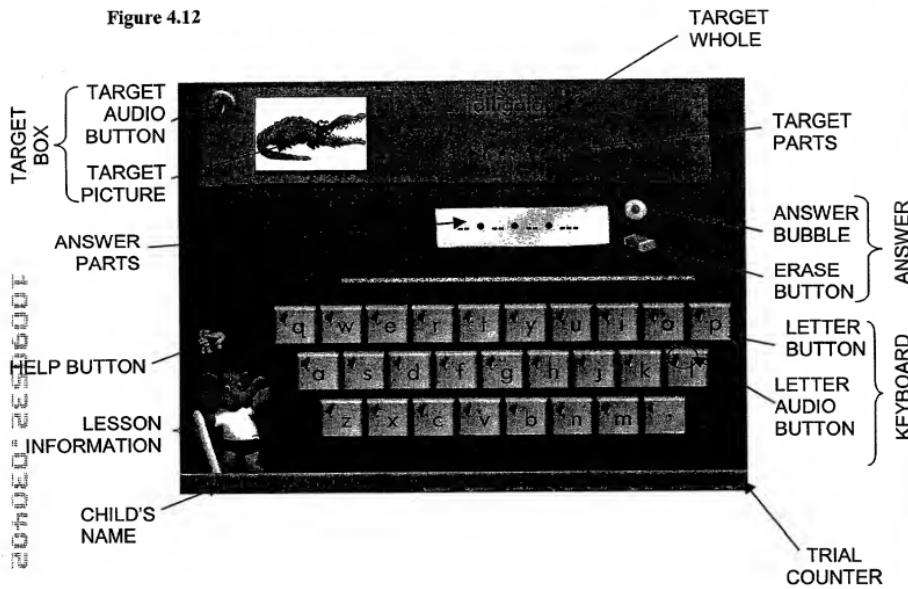
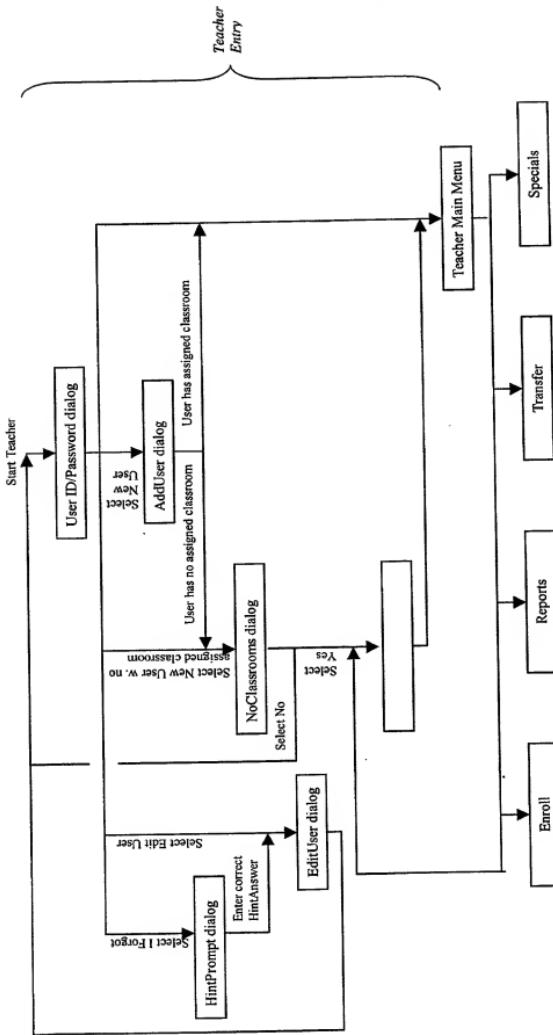


Figure 5.1



# CHILDREN'S LIBRARY

Figure 5.2

<b>Teacher</b>	<input type="button" value="Selected Class: Ms. Frizzle of Washington Elementary"/> <input checked="" type="button" value="Selected Child(ren): ▽"/>	10/14/00
<b>Enroll</b> <b>Transfer</b> <b>Reports</b> <b>Specials</b>	<p><i>Please select an area of Teacher to work in.</i></p> <p><u>Enroll</u> allows you to add, view or edit children's records. <u>Reports</u> allows you to view children's activity. <u>Transfer</u> allows you to move children from one computer to another. <u>Specials</u> allows you to do specific technical functions like Yearend and backing-up a database.</p> <p><i>To Edit or Create a new classroom, select the ▽ symbol in the Selected Class field above.</i></p>	<input type="button" value="Print"/> <input type="button" value="Exit"/>

Figure 5.3

Teacher	Selected Class:	Selected Child(ren):	Date:
	<b>Ms. Frizel of Washington Elementary</b> ▼		10/14/00
	<input checked="" type="checkbox"/> In Menu <input type="checkbox"/> BTL Demo Class <input type="checkbox"/> Room 20 of Washington Elementary <input type="checkbox"/> Miss. Pugh's A.M. class of Johnson Elementary <input type="checkbox"/> Miss. Pugh's P.M. class of Johnson Elementary <input type="checkbox"/> Miss. Smith of Washington Elementary <input type="checkbox"/> Miss. Smith of Multiple Schools <input type="checkbox"/> Mr. TrailingAid of Multiple Schools		
	<i>work in: edit children's records.</i> <i>en's activity.</i>    		
	<i>arrows you to specific technical functions like Yearend and backing-up a database.</i>		
	<b>To Edit or Create a new classroom, select the ▼ symbol in the Selected Class field above.</b>		
	<input style="width: 100px; height: 25px; margin-left: 10px;" type="button" value="Print"/> <input style="width: 100px; height: 25px; margin-left: 10px;" type="button" value="Help"/>		

**Figure 5.4**

<b>Teacher</b>	<b>Selected Class:</b> <i>Ms. Frizzle of Washington Elementary</i> ▽	<b>Selected Child(ren):</b> <input type="text"/> ▽
<p style="text-align: center;"><b>Enroll – Class List</b></p> <p>10/14/00</p> <p><input type="button" value="Add Child"/> <input type="button" value="Class Settings"/> <input type="button" value="Edit Child"/> <input type="button" value="Delete Child"/></p> <p>Currently, there are no children assigned to this Class.</p> <p><b>Enroll</b>  • Class List • School Rule • Assessment Edit Reports Transfer Specials</p> <p><input type="button" value="Print"/> <input type="button" value="Exit"/></p>		

**Figure 5.5**

Teacher	<div style="display: flex; justify-content: space-between;"> <div style="flex: 1;"> <p><b>Enroll</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Class List</a></li> <li>• <a href="#">Schedule</a></li> <li>• <a href="#">Assessment</a></li> <li>• <a href="#">Edit</a></li> </ul> <p><b>Reports</b></p> <ul style="list-style-type: none"> <li><a href="#">Transfer</a></li> <li><a href="#">Specials</a></li> </ul> </div> <div style="flex: 1; text-align: right;"> <p><a href="#">Print</a></p> </div> </div>																											
	<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p><b>Selected Class:</b> Ms. Frizzle of Washington Elementary ▾</p> <p><b>Selected Child(ren):</b> [ ] ▾</p> <p><b>10/14/00</b></p> <p><b>Enroll - Class List</b></p> <p>Currently, there are no children assigned to this Class.</p> <p style="text-align: center;"> <input style="margin-right: 10px;" type="button" value="Add Child"/> <input type="button" value="Edit Child"/> <input type="button" value="Delete Child"/> </p> <p><b>Add Child Dialog</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"><b>First Name</b></td> <td style="width: 30%;"><input type="text" value="M.L."/></td> <td style="width: 30%;"><b>Last Name</b></td> </tr> <tr> <td><b>Birthdate</b></td> <td><input type="text" value="N/A"/></td> <td><b>Gender</b></td> </tr> <tr> <td><b>Age</b></td> <td><input type="text" value="N/A"/></td> <td><b>Grade</b></td> </tr> <tr> <td></td> <td></td> <td><input type="text" value="blue"/> ▾</td> </tr> <tr> <td><b>Print Experience</b></td> <td><input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/></td> <td><b>Writing Experience</b></td> </tr> <tr> <td></td> <td><input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/></td> <td><b>Native English Speaker?</b></td> </tr> <tr> <td></td> <td><input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/></td> <td><input checked="" type="checkbox" value="Yes"/> <input type="checkbox" value="Yes"/></td> </tr> <tr> <td></td> <td><input type="button" value="Print"/></td> <td><input type="button" value="Cancel"/> <input type="button" value="Save"/></td> </tr> <tr> <td></td> <td><input type="button" value="Listen to Name"/></td> <td></td> </tr> </table> </div>	<b>First Name</b>	<input type="text" value="M.L."/>	<b>Last Name</b>	<b>Birthdate</b>	<input type="text" value="N/A"/>	<b>Gender</b>	<b>Age</b>	<input type="text" value="N/A"/>	<b>Grade</b>			<input type="text" value="blue"/> ▾	<b>Print Experience</b>	<input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/>	<b>Writing Experience</b>		<input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/>	<b>Native English Speaker?</b>		<input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/>	<input checked="" type="checkbox" value="Yes"/> <input type="checkbox" value="Yes"/>		<input type="button" value="Print"/>	<input type="button" value="Cancel"/> <input type="button" value="Save"/>		<input type="button" value="Listen to Name"/>	
<b>First Name</b>	<input type="text" value="M.L."/>	<b>Last Name</b>																										
<b>Birthdate</b>	<input type="text" value="N/A"/>	<b>Gender</b>																										
<b>Age</b>	<input type="text" value="N/A"/>	<b>Grade</b>																										
		<input type="text" value="blue"/> ▾																										
<b>Print Experience</b>	<input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/>	<b>Writing Experience</b>																										
	<input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/>	<b>Native English Speaker?</b>																										
	<input checked="" type="checkbox" value="Set"/> <input type="checkbox" value="Set"/>	<input checked="" type="checkbox" value="Yes"/> <input type="checkbox" value="Yes"/>																										
	<input type="button" value="Print"/>	<input type="button" value="Cancel"/> <input type="button" value="Save"/>																										
	<input type="button" value="Listen to Name"/>																											

**Figure 5.6**

<b>Teacher</b>	<b>Selected Class:</b> Ms. Prizel of Washington Elementary ▼	<b>Selected Child(ren):</b> □ ▼
<b>Enroll</b>	<b>Enroll - Class List</b> Currently, there are no children assigned to this Class.  <b>Add Child Dialog</b> First Name: M.L. Last Name: Potter Birthdate: 5 yrs 11 mo Grade: 2nd ▼ Gender: M ▼ Color: Green ▼  <b>Native English Speaker?</b> yes ▼ no - fairly fluent in 1 <sup>st</sup> language no - beginning 1 <sup>st</sup> language	
<b>Reports</b>	<b>Writing Experience</b> Ser ▼ Don't Know 0 - No Experience with writing 1 - holds book appropriately, turns pages 2 - Draws pictures to tell story, produces horizontally oriented shapes on page; writes repetitive shapes. 3 - Writes set of letters for purpose of communication, writes letters to stand for words or thoughts 4 - Writes names, uses concept of directionality of print 5 - writes continuous sentences	
<b>Transfer</b>	<b>Print Experience</b> Ser ▼ Don't Know 0 - No Experience 1 - holds book appropriately, turns pages 2 - Tells story uses pictures as a guide, connects pictures with print generally, memorizes stories 3 - Discriminates between words and sentences, recognizes some letters of names, recites concept of directionality of print 4 - Writes own name 5 - Reads	
<b>Specials</b>	<b>Print</b> Print	

Figure 5.7

Teacher		Selected Class: <i>Ms. Frizzle of Washington Elementary</i> ▽		Selected Child(ren): <input type="text"/> All ▽																																																																																																																																																																																
<b>Enroll – Class List</b>																																																																																																																																																																																				
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: left;">Story Activities:</th> <th colspan="6" style="text-align: center;">Alphabet Activities:</th> </tr> <tr> <th>Child Color</th> <th>Age</th> <th>Grid &amp; Tell</th> <th>Prev Comp</th> <th>Expl Writs</th> <th>Alpha Lesson</th> <th>Listen to Sounds</th> <th>Find Auto Spell</th> <th>Free Spelling</th> <th>Field Trips</th> <th>Assessment Status</th> </tr> </thead> <tbody> <tr> <td>Alison Wonderland</td> <td>6 y 11 m 1<sup>st</sup></td> <td>✓</td> <td>NA</td> <td>TBA</td> <td>✓</td> <td>✓</td> <td>TBA</td> <td>NA</td> <td>TBA</td> <td>TBA</td> <td>✓ Alphabet - letters <i>In progress</i></td> </tr> <tr> <td><b>Red</b></td> <td></td> </tr> <tr> <td>Boy Blue</td> <td>7 y 11 m 2<sup>nd</sup></td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>TBA</td> <td>TBA</td> <td>✓ Phonemic Code <i>In progress</i></td> </tr> <tr> <td><b>Blue</b></td> <td></td> </tr> <tr> <td>Dorothy Gale</td> <td>8 y 0 m</td> <td>2<sup>nd</sup></td> <td>✓</td> <td>✓</td> <td>TBA</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>TBA</td> <td>✓ Logical Links <i>10/21</i></td> </tr> <tr> <td><b>Green</b></td> <td></td> </tr> <tr> <td>Harry Potter Purple</td> <td>8 y 3 m</td> <td>2<sup>nd</sup></td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓ Word Recognition <i>10/15</i></td> </tr> <tr> <td>Huckleberry Finn</td> <td>6 y 5 m</td> <td>1<sup>st</sup></td> <td>✓</td> <td>NA</td> <td>NA</td> <td>NA</td> <td>✓</td> <td>✓</td> <td>TBA</td> <td>TBA</td> <td>✓ Phonemic Code <i>In progress</i></td> </tr> <tr> <td><b>Red</b></td> <td></td> </tr> <tr> <td>James N. Gianpach</td> <td>7 y 6 m</td> <td>2<sup>nd</sup></td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>TBA</td> <td>✓ Alphabet - sounds <i>10/16</i></td> </tr> <tr> <td><b>Green</b></td> <td></td> </tr> <tr> <td>Laura Ingalls</td> <td>7 y 10 m</td> <td>2<sup>nd</sup></td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>✓</td> <td>TBA</td> <td>✓ Logical Links <i>10/18</i></td> </tr> <tr> <td><b>Yellow</b></td> <td></td> </tr> </tbody> </table>				Story Activities:		Alphabet Activities:						Child Color	Age	Grid & Tell	Prev Comp	Expl Writs	Alpha Lesson	Listen to Sounds	Find Auto Spell	Free Spelling	Field Trips	Assessment Status	Alison Wonderland	6 y 11 m 1 <sup>st</sup>	✓	NA	TBA	✓	✓	TBA	NA	TBA	TBA	✓ Alphabet - letters <i>In progress</i>	<b>Red</b>												Boy Blue	7 y 11 m 2 <sup>nd</sup>	✓	✓	✓	✓	✓	✓	✓	TBA	TBA	✓ Phonemic Code <i>In progress</i>	<b>Blue</b>												Dorothy Gale	8 y 0 m	2 <sup>nd</sup>	✓	✓	TBA	✓	✓	✓	✓	TBA	✓ Logical Links <i>10/21</i>	<b>Green</b>												Harry Potter Purple	8 y 3 m	2 <sup>nd</sup>	✓	✓	✓	✓	✓	✓	✓	✓	✓ Word Recognition <i>10/15</i>	Huckleberry Finn	6 y 5 m	1 <sup>st</sup>	✓	NA	NA	NA	✓	✓	TBA	TBA	✓ Phonemic Code <i>In progress</i>	<b>Red</b>												James N. Gianpach	7 y 6 m	2 <sup>nd</sup>	✓	✓	✓	✓	✓	✓	✓	TBA	✓ Alphabet - sounds <i>10/16</i>	<b>Green</b>												Laura Ingalls	7 y 10 m	2 <sup>nd</sup>	✓	✓	✓	✓	✓	✓	✓	TBA	✓ Logical Links <i>10/18</i>	<b>Yellow</b>											
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<b>Yellow</b>																																																																																																																																																																																				
<input style="width: 100px; height: 30px; margin-bottom: 5px;" type="button" value="Enroll"/> <input style="width: 100px; height: 30px;" type="button" value="Print"/> <input style="width: 100px; height: 30px;" type="button" value="Exit"/>		<input checked="" type="checkbox"/> <b>Print Child</b> <input checked="" type="checkbox"/> <b>Print Student</b> <input checked="" type="checkbox"/> <b>Print Class</b>																																																																																																																																																																																		

Figure 5.8

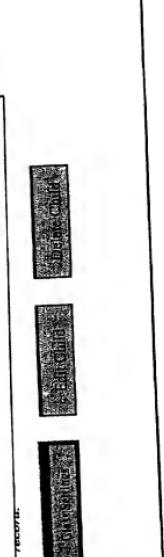
Teacher		Selected Class: Ms. Prizelle of Washington Elementary <input checked="" type="checkbox"/>		Selected Child(ren): All <input type="checkbox"/>	
		Enroll - Class List		10/14/00	
<ul style="list-style-type: none"> <li><input type="checkbox"/> Class List</li> <li><input type="checkbox"/> Schedule</li> <li><input type="checkbox"/> Assessment</li> <li><input type="checkbox"/> Edit</li> </ul>		<h3>Class Settings Dialog</h3> <p><b>Featured Book</b></p> <p>1. The current Featured Book is <i>The Little Yellow Chicken</i>. It has been featured since 9/13/00.</p> 		<p>Assessment</p> <p>Child Color Alison Wonderland <i>Red</i></p> <p>Buy Blue <i>Blue</i></p> <p>Dorothy Gale <i>Green</i></p> <p>Harry Potter <i>Purple</i></p> <p>Huckleberry Finn <i>Red</i></p> <p>James N. Gimppeach <i>Green</i></p> <p>Laura Ingalls <i>Yellow</i></p> <p>Mary Contrary <i>Purple</i></p> <p>Simon Simple <i>Blue</i></p> <p><b>Letters</b></p> <p>Alphabet - letters in progress 0/15</p> <p>Phonemic Code 0/21</p> <p>Logical Links 0/12</p> <p><b>Word Recognition</b></p> <p>Homophones - words in progress 0/16</p> <p>Alphabet - sounds 0/16</p> <p>Logical Links 0/18</p> <p><b>Initial Assessment</b></p> <p>Teacher Specified 0/15</p> <p>Initial Assessment in progress 0/18</p> <p><b>Double-Click on a name to edit more properties.</b></p> 	

Figure 5.9

<b>Teacher</b>	Selected Class: <i>Ms. Frizzle of Washington Elementary</i> ▼	Selected Child(ren): <input type="text"/> All <input checked="" type="checkbox"/> 10/14/00
<b>Enroll</b> <input type="button"/> Class <input type="button"/> List <input type="button"/> Self  <b>due</b> <input type="button"/> Assessment <input type="button"/> Edit  <b>Reports</b> <input type="button"/> Transfer <input type="button"/> Specials	Enroll – Edit	
	<input type="checkbox"/> All <input type="checkbox"/> Alison and Harry <input type="checkbox"/> Spellers <input type="checkbox"/> Non-Native Speakers	
	<input type="checkbox"/> Alison Wonderland <input type="checkbox"/> Bay Blue <input type="checkbox"/> Dorothy Gale <input type="checkbox"/> Harry Potter <input type="checkbox"/> Huckleberry Finn <input type="checkbox"/> James N. Giantpeach <input type="checkbox"/> Laura Ingalls <input type="checkbox"/> Mary Contrary <input type="checkbox"/> Simon Simple <input type="checkbox"/> Child A <input type="checkbox"/> Child B <input type="checkbox"/> Child C <input type="checkbox"/> Child D <input type="checkbox"/> Child E	
	<b>Time Limits</b>  <b>Session Time:</b> 20 min <b>Reward Time:</b>	
	<b>Activities</b> <input type="checkbox"/> Stories: On  <b>Explore Words:</b> On	
	<b>Alphabet:</b> <i>variable settings</i> <b>Rewards:</b> <i>On with variable settings</i> <input type="button"/> Edit Settings	
	<input type="button"/> Cancel <input type="button"/> Select <input type="button"/> Save Group <input type="button"/> Edit Group <p>To save a new group, select the children you want in that</p>	
<input type="button"/> Print <input type="button"/> Exit		

# Curriculum Assistant

Figure 5.10

<b>Teacher</b>	<b>Selected Class:</b> Ms. Frizzle of Washington Elementary ▼	<b>Selected Child(ren):</b> Harry Potter ▼
<b>Enroll</b>	<b>10/14/00</b>	
<b>Enroll – Edit</b>		
<b>Time Limits</b>	Session Time: 20 min	Reward Time: 60 sec
<b>Assessment</b>	<ul style="list-style-type: none"><li>• Stories</li><li>• Explore Words</li><li>• Alphabet</li></ul>	
<b>Reports</b>	Activities	
<b>Transfer</b>	Stories: On	
	Explore Words: On	
	Alphabet: Off	
	<input type="button" value="Edit Settings"/>	
	Rewards: On after 4 events	
	<input type="button" value="Print"/>	<input type="button" value="Exit"/>

Figure 5.11

<b>Teacher</b>	<b>Selected Class:</b> <input type="text" value="Ms. Frizzle of Washington Elementary"/> <input type="button" value="▼"/> <b>Selected Child(ren):</b> <input type="text" value="Harry Potter"/> <input type="button" value="▼"/>	<b>Date:</b> <input type="text" value="10/14/00"/>										
<h3>Enroll – Edit; Stories</h3>												
	<table border="1"><thead><tr><th>Activity</th><th>Status</th></tr></thead><tbody><tr><td><input type="button" value="Edit Listen to Stories"/></td><td><input type="button" value="Edit Listen to Stories"/></td></tr><tr><td><input type="button" value="Edit Tell Stories"/></td><td><input type="button" value="Edit Tell Stories"/></td></tr><tr><td><input type="button" value="Edit Comprehension"/></td><td><input type="button" value="Edit Comprehension"/></td></tr><tr><td><input type="button" value="Edit Preview"/></td><td><input type="button" value="Edit Preview"/></td></tr></tbody></table>	Activity	Status	<input type="button" value="Edit Listen to Stories"/>	<input type="button" value="Edit Listen to Stories"/>	<input type="button" value="Edit Tell Stories"/>	<input type="button" value="Edit Tell Stories"/>	<input type="button" value="Edit Comprehension"/>	<input type="button" value="Edit Comprehension"/>	<input type="button" value="Edit Preview"/>	<input type="button" value="Edit Preview"/>	
Activity	Status											
<input type="button" value="Edit Listen to Stories"/>	<input type="button" value="Edit Listen to Stories"/>											
<input type="button" value="Edit Tell Stories"/>	<input type="button" value="Edit Tell Stories"/>											
<input type="button" value="Edit Comprehension"/>	<input type="button" value="Edit Comprehension"/>											
<input type="button" value="Edit Preview"/>	<input type="button" value="Edit Preview"/>											
<b>Enroll</b>	<b>Listen to Stories:</b> On for all books.											
• Class List	<b>Tell Stories:</b> On for all books after book has been completed 2 times.											
• Schedule	<b>Comprehension:</b> On for all books after book has been completed 2 times.											
• Assessment	<b>Preview:</b> Optional. The Child will determine the focus.											
• <input type="button" value="Edit"/>												
<b>Stories</b>												
• <i>Explore Words</i>												
• <i>Alphabet</i>												
Reports												
Transfer												
	<input type="button" value="Print"/>	<input type="button" value="Exit"/>										

Figure 5.12

<b>Teacher</b> <ul style="list-style-type: none"> <li>• Enroll</li> <li>• Class List</li> <li>• Schedule</li> <li>• Assessment</li> <li>• Edit</li> </ul>	<ul style="list-style-type: none"> <li>• Stories</li> <li>• Export</li> <li>• Words</li> <li>• Alphabet</li> <li>• etc.</li> </ul>	<b>Reports</b> Transfer																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Selected Class:</td> <td style="width: 15%;">Ms. Frizzle of Washington Elementary</td> <td style="width: 15%;">Selected Child(ren):</td> <td style="width: 15%;"><input type="text"/> Harry Potter</td> <td style="width: 15%;"><input type="checkbox"/></td> </tr> <tr> <td colspan="5" style="text-align: center;">10/14/00</td> </tr> <tr> <td colspan="6" style="text-align: center;"><b>Enroll - Edit; Stories</b></td> </tr> <tr> <td colspan="6" style="border: 1px solid black; padding: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Edit Tell Stories Dialog</b> </div> <p>Tell Stories Is:</p> <p>On <input checked="" type="checkbox"/> after</p> <p>Off <input type="checkbox"/></p> <p>for</p> <p>Book/Chapter completed 2 times <input type="checkbox"/></p> <p>Always On <input type="checkbox"/></p> <p>Book/Chapter completed 1 time <input type="checkbox"/></p> <p>Book/Chapter completed 2 times <input type="checkbox"/></p> <p>Book/Chapter completed 3 times <input type="checkbox"/></p> <p>Book/Chapter completed 4 times <input type="checkbox"/></p> <p>Book/Chapter completed 5 times <input type="checkbox"/></p> </td></tr></table>						Selected Class:	Ms. Frizzle of Washington Elementary	Selected Child(ren):	<input type="text"/> Harry Potter	<input type="checkbox"/>	10/14/00					<b>Enroll - Edit; Stories</b>						<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Edit Tell Stories Dialog</b> </div> <p>Tell Stories Is:</p> <p>On <input checked="" type="checkbox"/> after</p> <p>Off <input type="checkbox"/></p> <p>for</p> <p>Book/Chapter completed 2 times <input type="checkbox"/></p> <p>Always On <input type="checkbox"/></p> <p>Book/Chapter completed 1 time <input type="checkbox"/></p> <p>Book/Chapter completed 2 times <input type="checkbox"/></p> <p>Book/Chapter completed 3 times <input type="checkbox"/></p> <p>Book/Chapter completed 4 times <input type="checkbox"/></p> <p>Book/Chapter completed 5 times <input type="checkbox"/></p>					
Selected Class:	Ms. Frizzle of Washington Elementary	Selected Child(ren):	<input type="text"/> Harry Potter	<input type="checkbox"/>																							
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<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <b>Edit Tell Stories Dialog</b> </div> <p>Tell Stories Is:</p> <p>On <input checked="" type="checkbox"/> after</p> <p>Off <input type="checkbox"/></p> <p>for</p> <p>Book/Chapter completed 2 times <input type="checkbox"/></p> <p>Always On <input type="checkbox"/></p> <p>Book/Chapter completed 1 time <input type="checkbox"/></p> <p>Book/Chapter completed 2 times <input type="checkbox"/></p> <p>Book/Chapter completed 3 times <input type="checkbox"/></p> <p>Book/Chapter completed 4 times <input type="checkbox"/></p> <p>Book/Chapter completed 5 times <input type="checkbox"/></p>																											

Figure 5.13

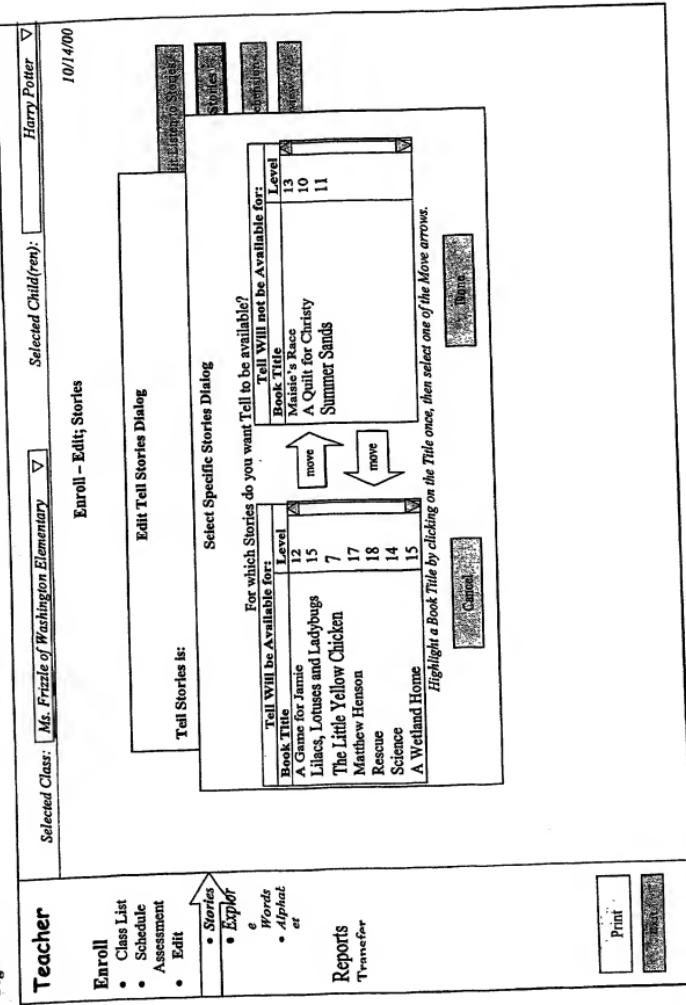


Figure 6.1

## Teacher Flow Chart

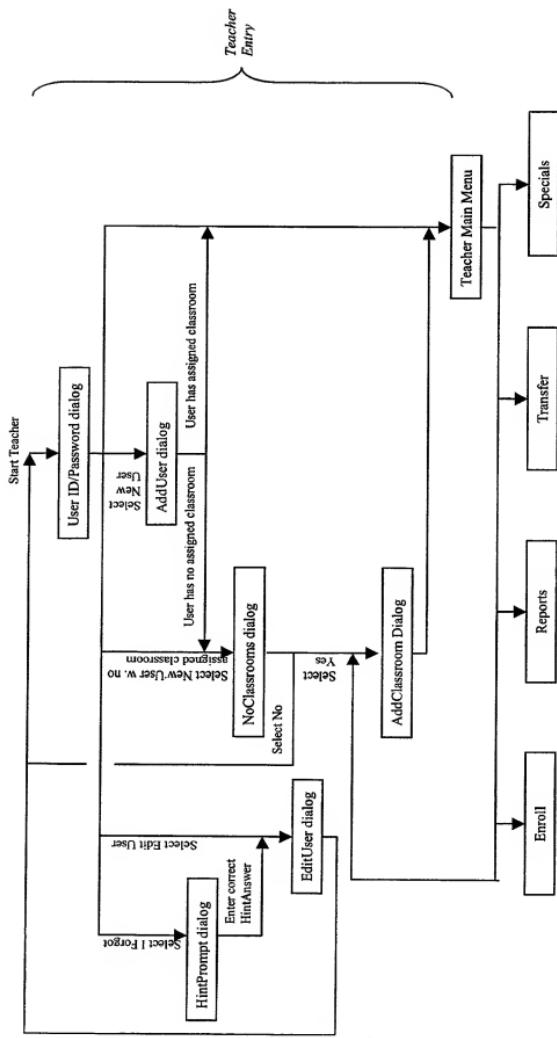


Figure 6.2

CLASS LIST: 2E5050UT

<b>Teacher</b>	<p>Selected Class: <i>Ms. Frizzle of Washington Elementary</i> <input checked="" type="checkbox"/></p> <p><b>Teacher Main Menu</b></p> <p><b>Enroll</b> <b>Reports</b> <b>Transfer</b> <b>Specials</b></p> <p>Please select an area of Teacher to work in: <u>Enroll</u> allows you to add, view or edit children's records. <u>Reports</u> allows you to view children's activity. <u>Transfer</u> allows you to move children from one computer to another. <u>Specials</u> allows you to do specific technical functions like Yearend and backing-up a database</p> <p>To edit or create a new classroom, select the <input checked="" type="checkbox"/> symbol in the Selected Class field above.</p> <p><input type="button" value="Print"/> <input type="button" value="Exit"/></p>
----------------	---

Figure 6.3

Key

- ⇨ indicates roll over data available (disappears after cursor leaves spot)
- = indicates a list is available
- Y indicates the table can be expanded to include more data
- Δ indicates the table can be retracted to include less data

Teacher	Selected Class: <i>Ms. Frizzle of Washington Elementary</i>	Selected Child(ren): <i>Harry Potter</i>												
<b>Enroll</b>	<b>Reports -- Updates</b>													
	<p><i>Click on an Update to address that update.</i></p> <table border="1"> <thead> <tr> <th>Child</th> <th>Date</th> <th>Update</th> </tr> </thead> <tbody> <tr> <td>Dorothy Gale</td> <td>10/3/00</td> <td>Suggested move in Explore Words Curriculum.</td> </tr> <tr> <td>Dorothy Gale</td> <td>10/10/00</td> <td>Not Using Preview.</td> </tr> <tr> <td>Harry Potter</td> <td>10/6/00</td> <td>Suggested move to Spelling Free Choice.</td> </tr> </tbody> </table>		Child	Date	Update	Dorothy Gale	10/3/00	Suggested move in Explore Words Curriculum.	Dorothy Gale	10/10/00	Not Using Preview.	Harry Potter	10/6/00	Suggested move to Spelling Free Choice.
Child	Date	Update												
Dorothy Gale	10/3/00	Suggested move in Explore Words Curriculum.												
Dorothy Gale	10/10/00	Not Using Preview.												
Harry Potter	10/6/00	Suggested move to Spelling Free Choice.												
<b>Reports</b>	<ul style="list-style-type: none"> <li>• Updates</li> <li>• History</li> <li>• Summary</li> <li>• Parent Lett</li> <li>• Stories</li> <li>• Explore</li> <li>• Words</li> <li>• Alphabet</li> <li>• Assessment</li> </ul>													
<b>Transfer</b>	<input type="button" value="School Rep."/> <input type="button" value="Date Range"/> <input type="button" value="Print"/> <input type="button" value="Exit"/>													

Figure 6.4

**Teacher**

Selected Class: Ms. Fuzzle of Washington Elementary ▽ Selected Child(ran): Harry Potter ▽ 10/14/00

**Enroll**

**Reports**

- Updates
- History
- Summary
- Parent Lett
- Stories
- Explore
- Words
- Alphabet
- Assessment

**Transfer**

*Click on an Update to address that update.*

Child	Date	Update
Dorothy Gale	10/3/00	Suggested move in Explore Words Curriculum.
Dorothy Gale	10/10/00	Not Using Preview.

*Harry Potter has been very successful with the program-generated Spelling lessons. He seems to be ready for Free Choice Spelling. Would you like to enable Free Choice Spelling for this child?*

Yes, change settings    No, don't change    I'll decide later    More Info

**School Rep.** **Date Range** **Print** **Exit**

Figure 6.5

Teacher Reports

Selected Class: *Ms. Frizzle of Washington Elementary* ▽ Selected Child(ren):  All ▽ 10/14/00

**Reports – Stories: Group Summary**

Enroll Reports + Book Totals

- Updates
- Present
- Letter
- Stories
- Comprehension
- Exploration Patterns
- Vocabulary
- Listen, Tell and Comprehension Summary
- Explore Words
- Alphabet
- Assessments

School Rep. Date Range Print Exit

Figure 6.6

**Teacher**

		Selected Class: Ms. Frizzle of Washington Elementary ▼		Selected Child(ren): <input type="text"/> All ▼																																																																																																																																																																																																	
Enroll		Reports – Stories: Group Summary																																																																																																																																																																																																			
Reports		<table border="1"> <thead> <tr> <th colspan="2">Book Totals</th> <th colspan="3">Fiction</th> <th colspan="3">Non-Fiction</th> </tr> <tr> <th></th> <th>Total</th> <th>Adventures</th> <th>Folktales</th> <th>Poetry</th> <th>Biography</th> <th>Living Things</th> <th>Making History</th> <th>Science</th> </tr> </thead> <tbody> <tr> <td># Bks/Copy Finished</td> <td>320</td> <td>29</td> <td>28</td> <td>40</td> <td>42</td> <td>55</td> <td>42</td> <td>68</td> </tr> <tr> <td># Bks/Copy Started</td> <td>127</td> <td>12</td> <td>6</td> <td>2</td> <td>12</td> <td>20</td> <td>10</td> <td>41</td> </tr> </tbody> </table>						Book Totals		Fiction			Non-Fiction				Total	Adventures	Folktales	Poetry	Biography	Living Things	Making History	Science	# Bks/Copy Finished	320	29	28	40	42	55	42	68	# Bks/Copy Started	127	12	6	2	12	20	10	41																																																																																																																																																											
Book Totals		Fiction			Non-Fiction																																																																																																																																																																																																
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Figure 6.7

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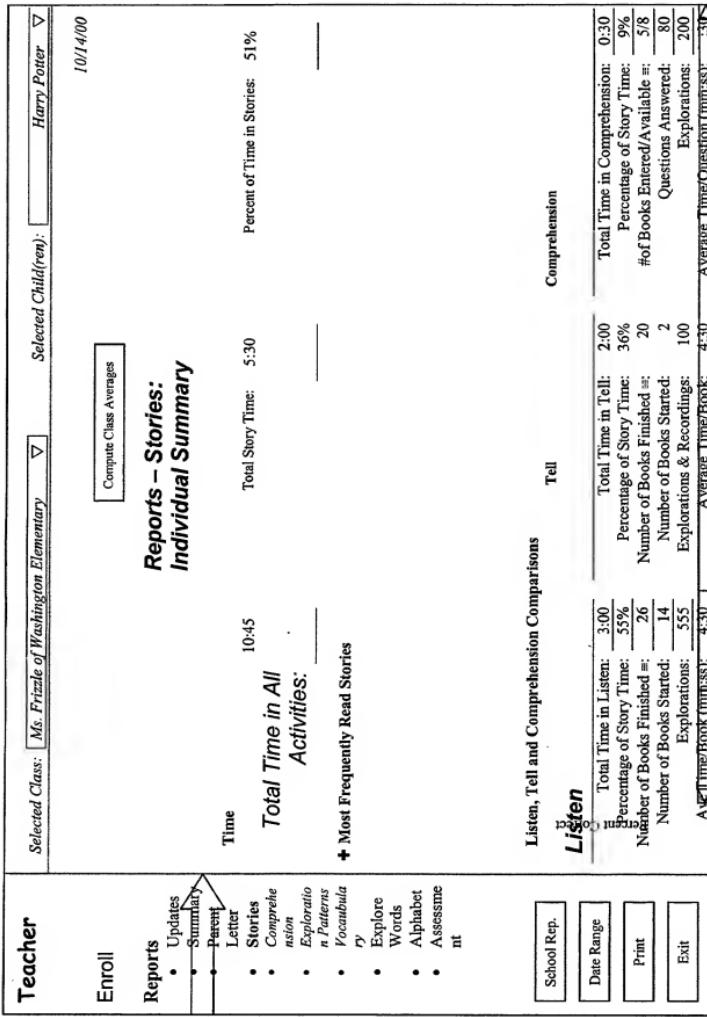
Figure 6.9

<b>Teacher</b>	<input type="checkbox"/> Selected Class: <i>Ms. Frizzle of Washington Elementary</i> ▼	<input type="checkbox"/> Selected Child(ren): <i>Harry Potter</i> ▽
	10/14/00	
<b>Enroll</b>		
<b>Reports</b>	<ul style="list-style-type: none"> <li>• Updates</li> <li>• <i>Summary</i></li> <li>• Parent Letter</li> <li>• Stories</li> <li>• Comprehension</li> <li>• Exploration Patterns</li> <li>• Vocabulary</li> <li>• Explore Words</li> <li>• Alphabet</li> </ul>	
	<b>Total Time in All Activities:</b> <u>10:45</u>	Total Story Time: 5:30      Percent of Time in Stories: 51%
	<b>Most Frequently Read Stories</b>	<b>Category</b> <b>Number of Times Finished</b>
		Fiction: Friendship      6
		Summer Sands      3
		The Day Martin Luther King Jr. Died      3
		Non-Fiction: Biography      3
		Non-Fiction: Science      3
		<i>Dinosaur Detectives</i>
		<i>Bold Titles</i> = <i>featured books</i>
<b>Listen</b>	<b>Listen, Tell and Comprehension Comparisons</b>	<b>Tell</b> <b>A</b> <b>Comprehension</b>
<b>School Rep.</b>		
<b>Date Range</b>		
<b>Print</b>		Total Time in Tell: 2:00      Total Time in Comprehension: 0:30
<b>Exit</b>		Percentage of Story Time: 36%      Percentage of Story Time: 9%
		Number of Books Finished = 26      #of Books Entered/Available = 5/8
		Number of Books Started: 14      Number of Books Started: 2      Questions Answered: 80/100
		Explorations: 555      Explorations & Recordings: 100      Explorations: 20/67

Figure 6.10

<b>Teacher</b>	<input type="checkbox"/> Selected Class: <i>Ms. Frizzle of Washington Elementary</i> ▼	<input type="checkbox"/> Selected Child(ren): <i>Harry Potter</i> □																																				
	<input type="checkbox"/> Enroll	10/14/00																																				
<b>Reports</b>	<ul style="list-style-type: none"> <li>• Updates</li> <li>• Parent Letter</li> <li>• Stories</li> <li>• Comprehension</li> <li>• Explorations</li> <li>• Patterns</li> <li>• Vocabulary</li> <li>• Explore Words</li> <li>• Alphabet</li> </ul>	<p><input type="checkbox"/> Compute Class Averages</p> <p><b>Reports – Stories: Individual Summary</b></p> <p><b>Total Time in All Activities:</b> <u>10:45</u></p> <p><b>Most Frequently Read Stories</b></p> <table> <thead> <tr> <th>Title</th> <th>Category</th> <th>Number of Times Finished</th> </tr> </thead> <tbody> <tr> <td><i>Summer Sands</i></td> <td>Fiction: Friendship</td> <td>6</td> </tr> <tr> <td><i>The Day Martin Luther King Jr. Died</i></td> <td>Non-Fiction: Biography</td> <td>3</td> </tr> <tr> <td><i>Dinosaur Detectives</i></td> <td>Non-Fiction: Science</td> <td>3</td> </tr> </tbody> </table> <p><b>Bold Titles = featured books</b></p> <p><b>Listen</b></p> <table> <thead> <tr> <th>School Rep.</th> <th>Total Time in Listen: <u>3:00</u></th> <th>Percentage of Story Time: <u>55%</u></th> <th>Total Time in Tell: <u>2:00</u></th> <th>Percentage of Story Time: <u>36%</u></th> <th>Total Time in Comprehension: <u>0:31</u></th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Date Range</td> <td><input type="checkbox"/> Number of Books Finished: <u>26</u></td> <td><input type="checkbox"/> Number of Books Started: <u>14</u></td> <td><input type="checkbox"/> Number of Books Started: <u>2</u></td> <td><input type="checkbox"/> #of Books Entered/Available: <u>20</u></td> <td><input type="checkbox"/> Percentage of Story Time: <u>9%</u></td> </tr> <tr> <td><input type="checkbox"/> Print</td> <td><input type="checkbox"/> Number of Books Started: <u>14</u></td> <td><input type="checkbox"/> Explorations: <u>555</u></td> <td><input type="checkbox"/> Explorations &amp; Recordings: <u>100</u></td> <td><input type="checkbox"/> Questions Answered: <u>80</u></td> <td><input type="checkbox"/> #of Books Entered/Available: <u>51</u></td> </tr> <tr> <td><input type="checkbox"/> Exit.</td> <td><input type="checkbox"/> Explorations: <u>555</u></td> <td><input type="checkbox"/> Explorations &amp; Recordings: <u>100</u></td> <td><input type="checkbox"/> Explorations: <u>20</u></td> <td><input type="checkbox"/> Questions Answered: <u>80</u></td> <td><input type="checkbox"/> Percentage of Story Time: <u>9%</u></td> </tr> </tbody> </table>	Title	Category	Number of Times Finished	<i>Summer Sands</i>	Fiction: Friendship	6	<i>The Day Martin Luther King Jr. Died</i>	Non-Fiction: Biography	3	<i>Dinosaur Detectives</i>	Non-Fiction: Science	3	School Rep.	Total Time in Listen: <u>3:00</u>	Percentage of Story Time: <u>55%</u>	Total Time in Tell: <u>2:00</u>	Percentage of Story Time: <u>36%</u>	Total Time in Comprehension: <u>0:31</u>	<input type="checkbox"/> Date Range	<input type="checkbox"/> Number of Books Finished: <u>26</u>	<input type="checkbox"/> Number of Books Started: <u>14</u>	<input type="checkbox"/> Number of Books Started: <u>2</u>	<input type="checkbox"/> #of Books Entered/Available: <u>20</u>	<input type="checkbox"/> Percentage of Story Time: <u>9%</u>	<input type="checkbox"/> Print	<input type="checkbox"/> Number of Books Started: <u>14</u>	<input type="checkbox"/> Explorations: <u>555</u>	<input type="checkbox"/> Explorations & Recordings: <u>100</u>	<input type="checkbox"/> Questions Answered: <u>80</u>	<input type="checkbox"/> #of Books Entered/Available: <u>51</u>	<input type="checkbox"/> Exit.	<input type="checkbox"/> Explorations: <u>555</u>	<input type="checkbox"/> Explorations & Recordings: <u>100</u>	<input type="checkbox"/> Explorations: <u>20</u>	<input type="checkbox"/> Questions Answered: <u>80</u>	<input type="checkbox"/> Percentage of Story Time: <u>9%</u>
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Figure 6.11



# CUMULATIVE REPORT

**Figure 6.12**

<b>Teacher</b> <ul style="list-style-type: none"> <li>Selected Class: <input type="text" value="Ms. Fizzle of Washington Elementary"/> <input checked="" type="checkbox"/></li> <li>Selected Child(ren): <input type="text" value="Harry Potter"/> <input checked="" type="checkbox"/></li> </ul>	Enroll <input type="button" value="Reports"/> <ul style="list-style-type: none"> <li>• Updates</li> <li>• Summary</li> <li>• Parent Letters</li> <li>• Stories</li> <li>• Comprehension</li> <li>• Exploration Patterns</li> <li>• Vocabulary</li> <li>• Explore Words</li> <li>• Alphabet Assessment</li> </ul>	Time Total Time in All Activities: <input type="text" value="10:45"/> Total Comprehension Time: <input type="text" value="0:30"/> Percent of Time in Comprehension: <input type="text" value="5%"/>	<input type="button" value="Compute Class Averages"/>	<b>Reports – Stories: Comprehension</b>	 Number of Unique Books Used/Available for Comprehension: 5/8																																							
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><b>Comprehension Levels</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Categorical</li> <li><input type="checkbox"/> Descriptive</li> <li><input type="checkbox"/> Expository</li> <li><input type="checkbox"/> Fictional</li> <li><input type="checkbox"/> Informational</li> <li><input type="checkbox"/> Persuasive</li> <li><input type="checkbox"/> Poetic</li> <li><input type="checkbox"/> Technical</li> </ul> </div> <div style="width: 45%;"> <p><b>Level of Difficulty</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Easy</li> <li><input type="checkbox"/> Moderate</li> <li><input type="checkbox"/> Challenging</li> </ul> </div> </div>																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Category</th> <th rowspan="2">Number of Questions</th> <th colspan="3"><b>Explorations</b></th> <th rowspan="2"><b>Level of Support</b></th> </tr> <tr> <th>Question</th> <th>Answer</th> <th>Hint</th> </tr> </thead> <tbody> <tr> <td>Total</td> <td>80</td> <td>210</td> <td>20</td> <td>100</td> <td>90</td> </tr> <tr> <td>Biographies ≡</td> <td>36</td> <td>166</td> <td>10</td> <td>144</td> <td>12</td> </tr> <tr> <td>Folktales ≡</td> <td>14</td> <td>18</td> <td>3</td> <td>10</td> <td>5</td> </tr> <tr> <td>Friendships ≡</td> <td>40</td> <td>245</td> <td>20</td> <td>200</td> <td>25</td> </tr> <tr> <td>Science ≡</td> <td>10</td> <td>75</td> <td>5</td> <td>50</td> <td>20</td> </tr> </tbody> </table>						Category	Number of Questions	<b>Explorations</b>			<b>Level of Support</b>	Question	Answer	Hint	Total	80	210	20	100	90	Biographies ≡	36	166	10	144	12	Folktales ≡	14	18	3	10	5	Friendships ≡	40	245	20	200	25	Science ≡	10	75	5	50	20
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<input type="button" value="More Comprehension Details"/>																																												
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Figure 6.13

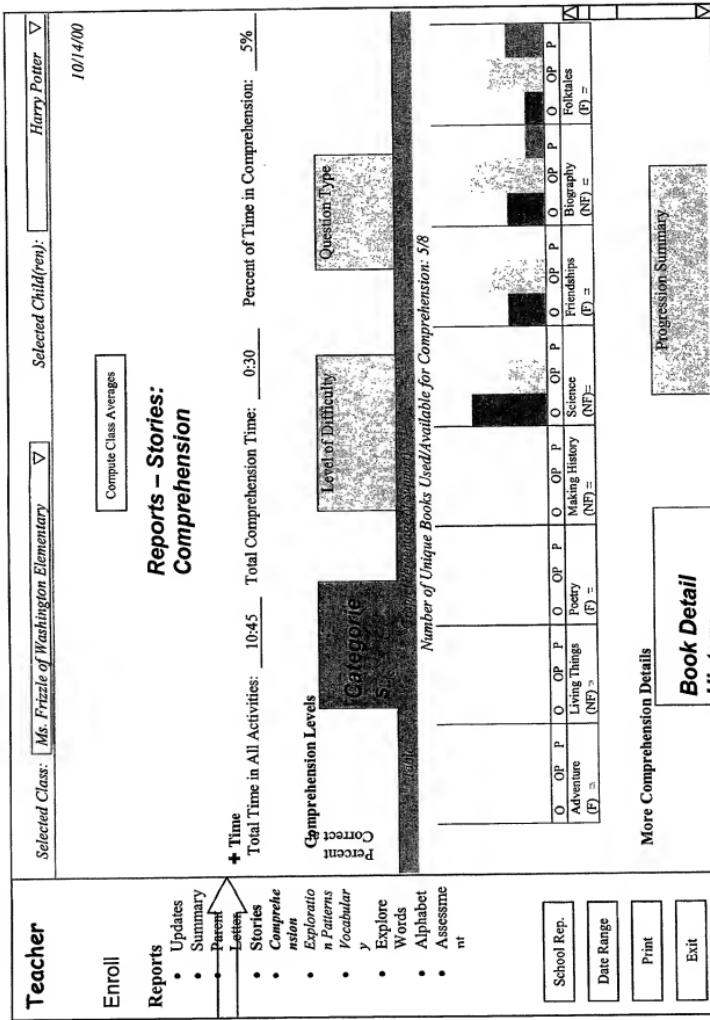


Figure 6.14

Teacher	Selected Class: <input type="text" value="Ms. Frizzle of Washington Elementary"/> <input type="button" value="▼"/>	Selected Child(ren): <input type="text" value="Harry Potter"/> <input type="button" value="▼"/>	Date: <input type="text" value="10/14/00"/>																																																				
Enroll	<input type="button" value="Complete Class Averages"/>																																																						
Reports	<h3>Reports – Stories: Comprehension</h3> <ul style="list-style-type: none"> <li>• Updates</li> <li>• Summary</li> <li>• Parent Letters</li> <li>• Stories</li> <li>• Comprehension</li> <li>• Exploration</li> <li>• Patients Vocabulary</li> <li>• Explore Words</li> <li>• Alphabet Assessment</li> </ul>																																																						
	<p>Time Total Time in All Activities: <input type="text" value="10:45"/> <input type="button" value="⇒"/> Total Comprehension Time: <input type="text" value="0:30"/> <input type="button" value="⇒"/> Percent of Time in Comprehension: <input type="text" value="5%"/> <input type="button" value="⇒"/></p> <p>Comprehension Levels</p> <table border="1"> <caption>Estimated Data for Level of Difficulty Bar Chart</caption> <thead> <tr> <th>Difficulty Level</th> <th>Number of Unique Books</th> </tr> </thead> <tbody> <tr><td>Very Easy</td><td>5</td></tr> <tr><td>Easy</td><td>7</td></tr> <tr><td>Medium</td><td>2</td></tr> <tr><td>Hard</td><td>1</td></tr> <tr><td>Very Hard</td><td>1</td></tr> </tbody> </table>	Difficulty Level	Number of Unique Books	Very Easy	5	Easy	7	Medium	2	Hard	1	Very Hard	1	<p><input type="button" value="Question Type"/></p> <p><input type="button" value="Categories"/></p> <p><input type="button" value="More Details"/></p>																																									
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Figure 6.15

Teacher	Selected Class: <input type="text" value="Ms. Frizelle of Washington Elementary"/> <input checked="" type="checkbox"/>	Selected Child[ren]: <input type="text" value="Harry Potter"/> <input checked="" type="checkbox"/>	Date: <input type="text" value="10/14/00"/>		
Enroll					
Reports	<ul style="list-style-type: none"> <li>• Updates</li> <li>• Summary</li> <li>• Parent Letter</li> <li>• Stories</li> <li>• Comprehension</li> <li>• Explorations</li> <li>• Patterns</li> <li>• Vocabulary</li> <li>• Explore Words</li> <li>• Alphabet Assessment</li> </ul>	Total Time in All Activities: <input type="text" value="10:45"/>	Total Comprehension Time: <input type="text" value="0:30"/>	Percent of Time in Comprehension: <input type="text" value="5%"/>	
		<input type="button" value="Compute Class Averages"/>			
			<input type="button" value="Question Type"/>	<input type="button" value="Level of Difficulty"/>	<input type="button" value="Number of Unique Books Used/Available"/>
					Number of Unique Books Used/Available Comprehension: 5/8
Question Type	Number of Questions	<b>Explorations</b>			<b>Level of Support</b>
		Question	Answer	Hint	Print
Total	80	210	100	90	62%
Inferential	30	150	15	60	14%
Factual	50	60	5	25	NA
School Rep.	<input type="button" value="More Comprehension Details"/>				
Date Range	<input type="button" value="Print"/>				
	<input type="button" value="Exit"/>				

## CHILDREN'S LITERATURE

**Figure 6.16**

<b>Teacher</b>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Selected Class: <input type="text" value="Ms. Frizzle of Washington Elementary"/> <input checked="" type="checkbox"/></p> <p>Selected Child(ren): <input type="text"/> Harry Potter <input checked="" type="checkbox"/></p> <p>10/14/00</p> </div> <div style="width: 45%;"> <p>Compute Class Averages</p> </div> </div> <p><b>Reports – Stories: Exploration Patterns</b></p> <ul style="list-style-type: none"> <li>• Updates Summary</li> <li>• Parent Letter</li> <li>• Stories</li> <li>• Configuration</li> <li>• Exploration Patterns</li> <li>• Vocabulary</li> <li>• Explore Words</li> <li>• Alphabet</li> <li>• Assessme</li> </ul>
<b>Enroll</b>	<p>Time</p> <p>Total Time in All Activities: <input type="text" value="10:45"/></p> <p>Total Story Time: <input type="text" value="5:30"/></p> <p>Percent of Time in Stories: <input type="text" value="51%"/></p>
<b>Reports</b>	<p>Book Exploration <input type="checkbox"/> All <input type="checkbox"/> By Categories <input type="checkbox"/> By Levels</p>
<b>Listen Explorations</b>	<p>Total <input type="text" value="26"/></p> <p>Finished =: <input type="text" value="14"/></p> <p>Started =: <input type="text" value="40"/></p> <p>Totals: <input type="text" value="22"/></p>
<b>Tell Explorations</b>	<p>Total <input type="text" value="20"/></p> <p>2</p> <p>22</p>
<b>Word and Preview Exploration</b>	<p>Preview Exploration <input type="checkbox"/></p>
<b>School Rep.</b>	<p>Times <input type="checkbox"/> Explorations for Listen &amp; Tell <input type="checkbox"/> RecPPh</p>
<b>Date Range</b>	<p>Started <input type="text" value="5"/> Total <input type="text" value="70"/> Page <input type="text" value="45"/></p>
<b>Print</b>	<p>Finished <input type="text" value="3"/> Word <input type="text" value="50"/> RecPPh</p>
<b>Exit</b>	<p>Whole <input type="text" value="140"/> Part <input type="text" value="40"/> RecPPh</p>
<b>Average</b>	<p>Word <input type="text" value="550"/> RecPPh</p>
<b>The Day Martin Luther King Jr. Died</b>	<p>Page <input type="text" value="900"/> RecPPh</p>
<b>Dinosaur Detectives</b>	<p>Whole <input type="text" value="300"/> RecPPh</p>

Figure 6.17

<b>Teacher</b> <ul style="list-style-type: none"> <li>• Enroll</li> <li>• Reports</li> <li>• Updates Summary</li> <li>• Parent Letters</li> <li>• Stories</li> <li>• <i>Comparisons</i></li> <li>• <i>Explorations</i></li> <li>• <i>Vocabulary Patterns</i></li> <li>• <i>Explorations</i></li> <li>• Words</li> <li>• Alphabet</li> <li>• Assessments</li> <li>• etc.</li> </ul>																																	
<b>Selected Class:</b> <input type="checkbox"/> Ms. Frizzle of Washington Elementary <input checked="" type="checkbox"/> Selected Child(ren): <input type="checkbox"/> Harry Potter <input type="checkbox"/> Time Letter Total Time in All Activities: <u>10:45 ↵</u> Total Story Time: <u>5:30 ↵</u> Percent of Time in Stories: <u>51% ↵</u> Book Exploration <input type="checkbox"/> All <input checked="" type="checkbox"/> By Categories <input type="checkbox"/> By Levels																																	
<b>Reports – Stories: Exploration Patterns</b>																																	
<input type="checkbox"/> Compute Class Averages																																	
<b>Listen Explorations</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>Fiction</th> <th>Non-Fiction</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Finished = :</td> <td>12</td> <td>14</td> <td>26</td> </tr> <tr> <td>Started = :</td> <td>10</td> <td>4</td> <td>14</td> </tr> <tr> <td>Totals:</td> <td>22</td> <td>28</td> <td>40</td> </tr> </tbody> </table> <b>Tell Explorations</b> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>Fiction</th> <th>Non-Fiction</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Finished</td> <td>12</td> <td>0</td> <td>12</td> </tr> <tr> <td>Started</td> <td>12</td> <td>12</td> <td>24</td> </tr> <tr> <td>Totals:</td> <td>24</td> <td>12</td> <td>36</td> </tr> </tbody> </table>			Fiction	Non-Fiction	Total	Finished = :	12	14	26	Started = :	10	4	14	Totals:	22	28	40		Fiction	Non-Fiction	Total	Finished	12	0	12	Started	12	12	24	Totals:	24	12	36
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<b>Word and Preview Exploration</b>																																	
<input type="checkbox"/> Word Exploration <input checked="" type="checkbox"/> Preview Exploration																																	
<b>School Rep.</b>																																	
<b>Date Range</b>																																	
<b>Print</b>																																	
<b>Exit</b>																																	
<b>Times Book was Finished</b>																																	
Book	Category	Listen	Tell	Number of Explorations																													
The Day Martin Luther King Jr. Died	Making History (F)	3	0	400																													
Dinosaur Detectives	Science (NF)	2	1	200																													
A Game for Jamie	Friendships (F)	2	0	80																													

Figure 6.18

<b>Teacher</b>	<i>Selected Class:</i> <input type="text"/> Ms. Frizzle of Washington Elementary <input checked="" type="checkbox"/>	<i>Selected Child(ren):</i> <input type="text"/> Harry Potter <input checked="" type="checkbox"/>																								
	10/14/00																									
<b>Enroll</b>																										
<b>Reports</b>	<ul style="list-style-type: none"> <li>• Updates Summary</li> <li>• Parent Letter</li> <li>• Stories</li> <li>• <i>Comprehension</i></li> <li>• <i>Exploration Patterns</i></li> <li>• <i>Vocabulary</i></li> <li>• Explore Words</li> <li>• Alphabet</li> <li>• Assessme nt</li> </ul>																									
	<p><b>Time</b></p> <p>Total Time in All Activities: <u>10:45</u></p> <p>Total Story Time: <u>5:30</u></p> <p>Percent of Time in Stories: <u>51%</u></p>	<p><b>By Levels</b></p> <p><b>Book Exploration</b></p> <p><input checked="" type="checkbox"/> All <input type="checkbox"/> By Categories</p>																								
	<p><b>Listen Explorations</b></p> <table border="1"> <thead> <tr> <th>Levels</th> <th>5-10</th> <th>11-15</th> <th>16-20</th> <th>21-25</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Finished == :</td> <td>4</td> <td>2</td> <td>7</td> <td>13</td> <td>26</td> </tr> <tr> <td>Started == :</td> <td>1</td> <td>1</td> <td>2</td> <td>10</td> <td>14</td> </tr> <tr> <td>Totals:</td> <td>5</td> <td>3</td> <td>9</td> <td>23</td> <td>40</td> </tr> </tbody> </table>		Levels	5-10	11-15	16-20	21-25	Total	Finished == :	4	2	7	13	26	Started == :	1	1	2	10	14	Totals:	5	3	9	23	40
Levels	5-10	11-15	16-20	21-25	Total																					
Finished == :	4	2	7	13	26																					
Started == :	1	1	2	10	14																					
Totals:	5	3	9	23	40																					
	<p><b>Tell Explorations</b></p> <table border="1"> <thead> <tr> <th>5-10</th> <th>11-15</th> <th>16-20</th> <th>21-25</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>1</td> <td>4</td> <td>15</td> <td>20</td> </tr> <tr> <td>0</td> <td>0</td> <td>0</td> <td>2</td> <td>2</td> </tr> <tr> <td>0</td> <td>1</td> <td>4</td> <td>17</td> <td>22</td> </tr> </tbody> </table>		5-10	11-15	16-20	21-25	Total	0	1	4	15	20	0	0	0	2	2	0	1	4	17	22				
5-10	11-15	16-20	21-25	Total																						
0	1	4	15	20																						
0	0	0	2	2																						
0	1	4	17	22																						
	<p><b>Word and Preview Exploration</b></p> <p><input checked="" type="checkbox"/> Word Exploration <input type="checkbox"/> Preview Exploration <input type="checkbox"/> Exploration</p>																									
	<p><b>School Rep.</b></p> <p><b>Date Range</b></p> <p><b>Print:</b></p> <p><b>Exit</b></p>																									
	<p>Whole Exploration: <u>350</u></p> <p>Part Exploration: <u>495</u></p> <p>Records: <u>200</u></p>	<p>Total Sentences Syllables Onset/Rime Sounds High Frequency</p> <p><u>50</u> <u>100</u> <u>25</u> <u>25</u> <u>100</u></p> <p><u>50</u> <u>150</u> <u>150</u> <u>50</u> <u>95</u></p> <p><u>0</u> <u>50</u> <u>0</u> <u>50</u> <u>100</u></p>																								

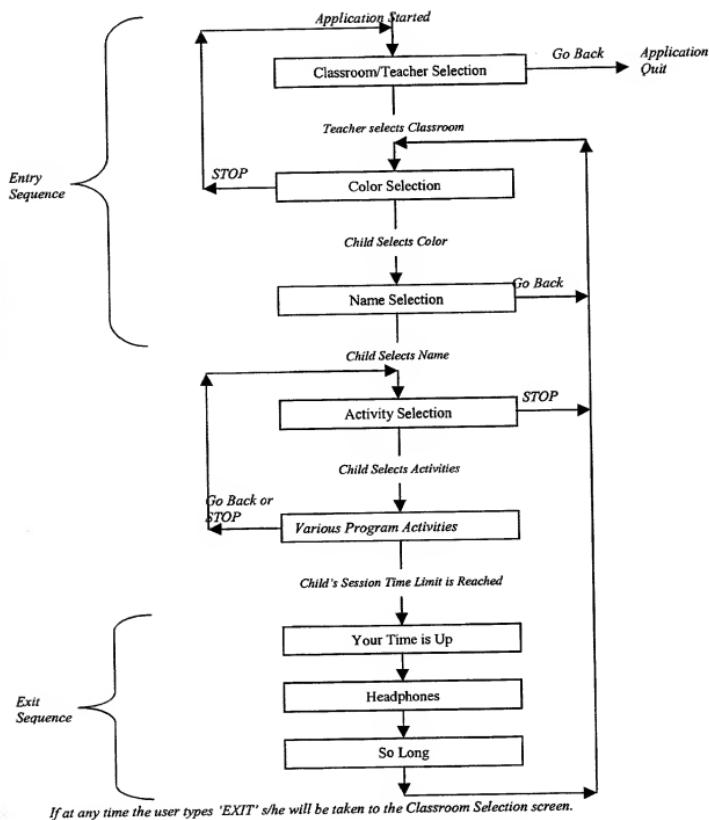
Figure 6.19

<b>Teacher</b>	Selected Class: <input type="text" value="Ms. Frizzle of Washington Elementary"/> <input checked="" type="checkbox"/>		Selected Child( <i>ren</i> ): <input type="text" value="Harry Potter"/> <input checked="" type="checkbox"/>																					
	Date	10/14/00	Date	10/14/00																				
<b>Enroll</b>																								
<b>Reports</b>	<input type="button" value="Compute Class Averages"/> <b>Reports – Stories: Exploration Patterns</b> <ul style="list-style-type: none"> <li>• Updates Summary</li> <li>• Parent Letter</li> <li>• Stories + <i>Comparisons</i></li> <li>• <i>Explorations</i> + Book Exploration</li> <li>• Patterns Vocabulary</li> <li>• Explore Words</li> <li>• Alphabet</li> <li>• Assessments</li> </ul>																							
	Time Total Time in All Activities: <input type="text" value="10:45"/>	Total Story Time: <input type="text" value="5:30"/>	Percent of Time in Stories: <input type="text" value="51%"/>																					
																								
	<b>Word and Preview Exploration</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="background-color: #336699; color: white;">Word Exploration</th> <th colspan="2" style="background-color: #336699; color: white;">Preview Exploration</th> </tr> <tr> <th>Times Finished</th> <th>Total</th> <th>Sentence</th> <th>Syllables</th> </tr> <tr> <td>1</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <th>Onset Rime</th> <th>High Frequency</th> <td colspan="2" style="text-align: center;">&lt;&lt;</td> </tr> <tr> <td>an</td> <td>an</td> <td colspan="2" style="text-align: center;">&gt;&gt;</td> </tr> </table>				Word Exploration		Preview Exploration		Times Finished	Total	Sentence	Syllables	1	1	1	1	Onset Rime	High Frequency	<<		an	an	>>	
Word Exploration		Preview Exploration																						
Times Finished	Total	Sentence	Syllables																					
1	1	1	1																					
Onset Rime	High Frequency	<<																						
an	an	>>																						
																								
	<b>Book</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">School Rep.</td> <td style="width: 50%;">Print</td> </tr> <tr> <td>Date Range</td> <td>Exit</td> </tr> </table>				School Rep.	Print	Date Range	Exit																
School Rep.	Print																							
Date Range	Exit																							

Figure 6.20

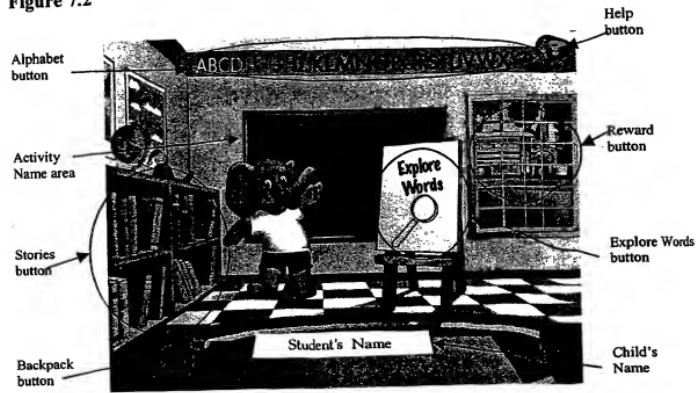
Teacher	Selected Class:	Selected Child(ren):	Harry Potter ▽
<b>Enroll</b> <ul style="list-style-type: none"> <li>• Updates</li> <li>• Summary</li> <li>• Parent Letter</li> <li>• Stories</li> <li>• <b>Comprehe nsion</b></li> <li>• <b>Exploratio n Patterns</b></li> <li>• <b>Vocabular y</b></li> <li>• Explore Words</li> <li>• Alphabet Assessme</li> </ul>	<b>Reports</b> <ul style="list-style-type: none"> <li>• Time Total Time in All</li> <li>+ Book Exploration</li> <li>Word and Previl</li> </ul>	<b>Print</b> <p>These are your Current Settings:</p> <p>Current Child(ren): <input type="button" value="Change Child(ren)"/></p> <p>Current Date Range: <input type="button" value="Change Date Range"/></p> <p>Stories: <input type="checkbox"/> 10/14/00</p> <p>Stories: <input type="checkbox"/> 51%</p> <p>Which of the following Reports do you want to Print?</p> <p><input type="checkbox"/> All of the Exploration Patterns Reports</p> <p><input type="checkbox"/> Exploration Pattern Time</p> <p><input type="checkbox"/> Book Exploration</p> <p><input type="checkbox"/> All Table</p> <p><input type="checkbox"/> Category Table</p> <p><input type="checkbox"/> Level Table</p> <p>Word and Preview Exploration</p> <p><input type="checkbox"/> Word Exploration Table</p> <p><input type="checkbox"/> Word Exploration More</p> <p><input type="checkbox"/> Preview Exploration Table</p> <p><input type="checkbox"/> Preview Exploration More</p> <p>Book Frequency</p>	<input type="button" value="School Rep."/> <input type="button" value="Date Range"/> <input type="button" value="Print"/> <input type="button" value="Average"/> <input type="button" value="The Day Martin Luther King Jr. Died"/> <input type="button" value="Dinosaur Detectives"/> <input type="button" value="Exit"/>

**Figure 7.1**



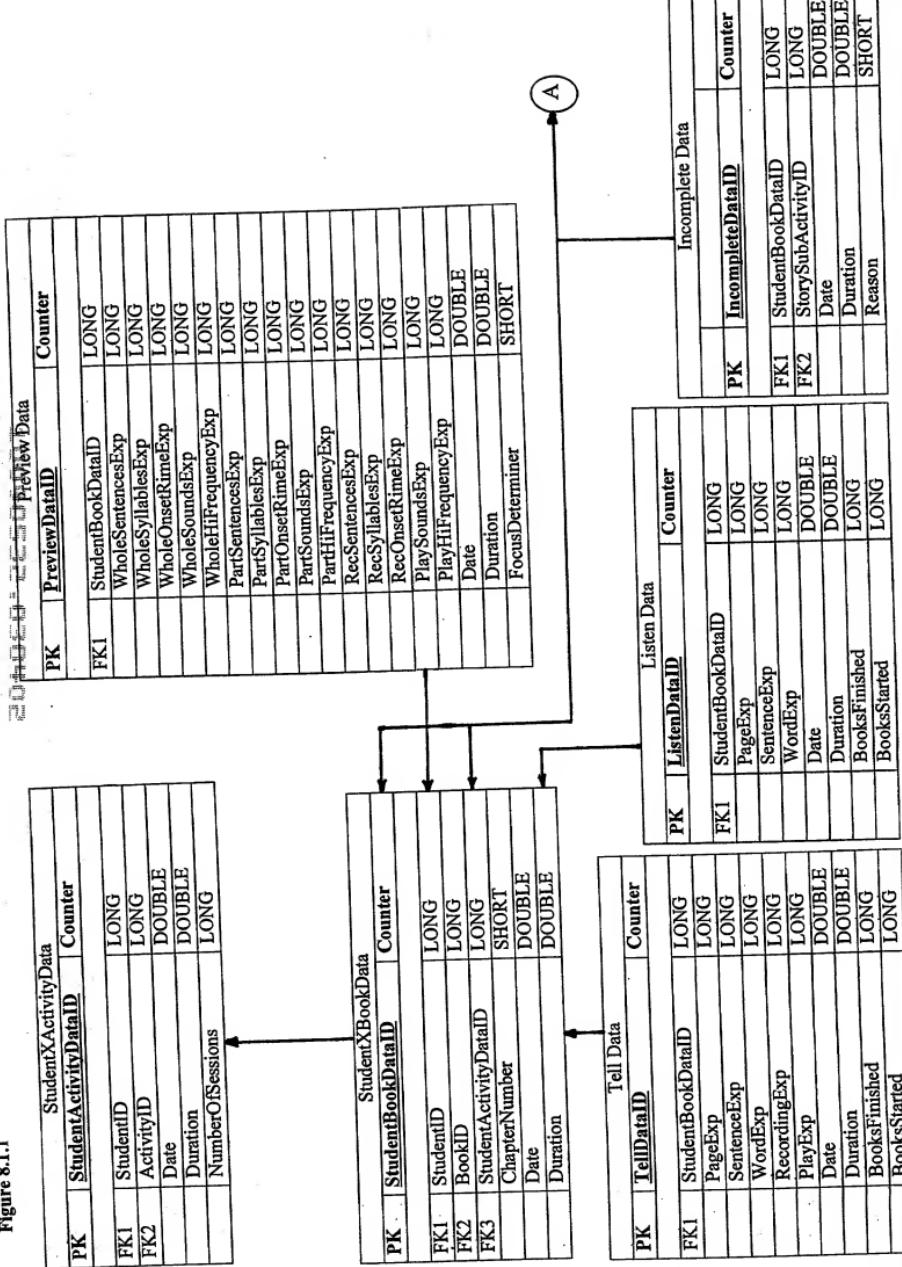
If at any time the user types 'EXIT' s/he will be taken to the Classroom Selection screen.

**Figure 7.2**



201009052200042

Figure 8.1.1



**Figure 8.1.2**

Comprehension Data		
PK	ComprehensionDataID	Counter
FK1	StudentBookDataID	LONG
	Cycle	LONG
	BeginAVL	SHORT
	EndAVL	SHORT
	QuestionExp	LONG
	AnswerExp	LONG
	HintExp	LONG
	Date	DOUBLE
	Duration	DOUBLE
	Response Time	DOUBLE
	IsCorrect	BIT
	InCompletedTask	BIT
	QuestionNumber	SHORT
	QuestionType	SHORT

StudentStateData		
PK FK1	StudentID	LONG
PK FK2	BookID	LONG
PK	ChapterNumber	SHORT
	BeginAVL	SHORT
	TaskAVL	SHORT
	ListenBookmark	SHORT
	TellBookmark	SHORT
		SHORT
		SHORT
	TrialCounter	SHORT
	LastTrial	SHORT
	TrialAVL1	SHORT
	TrialAVL2	SHORT
	TrialAVL3	SHORT
	TrialAVL4	SHORT
	IsBookStartedListen	BIT
	IsBookStartedTell	BIT
	Cycle	LONG
	TimesCompleted	LONG

Figure 8.2.1

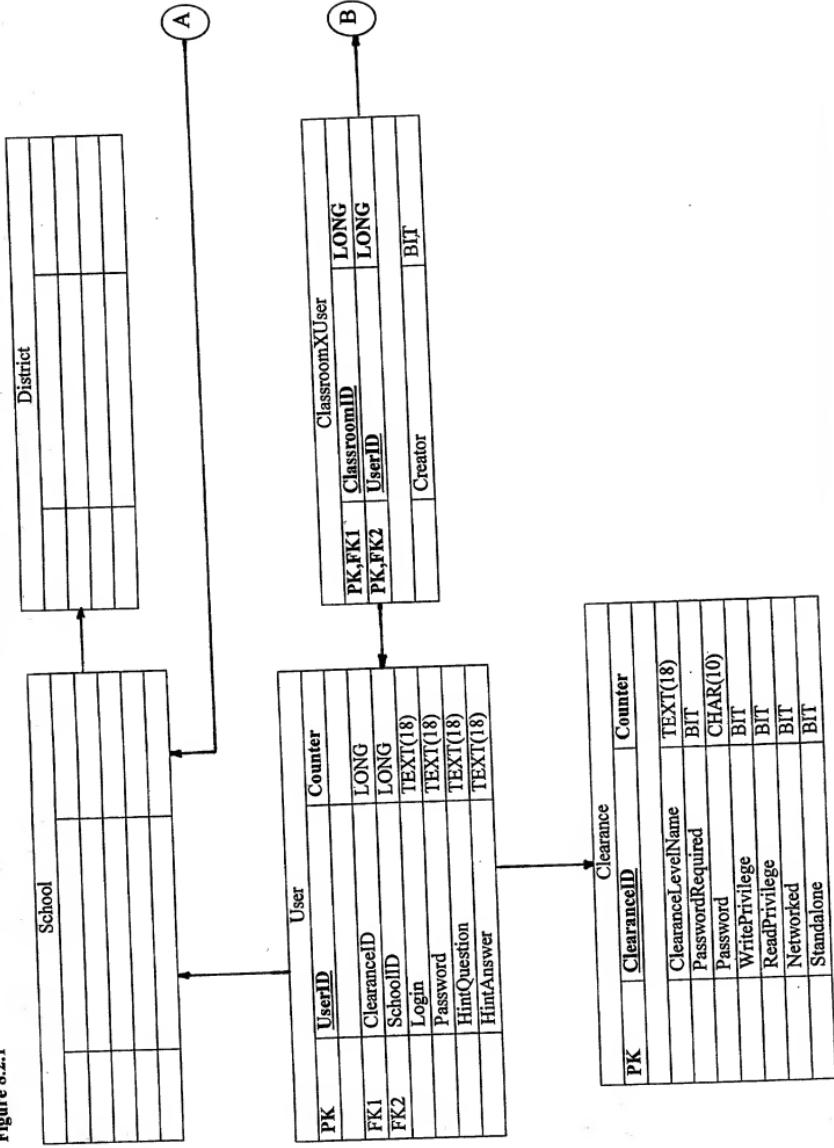


Figure 8.2.2

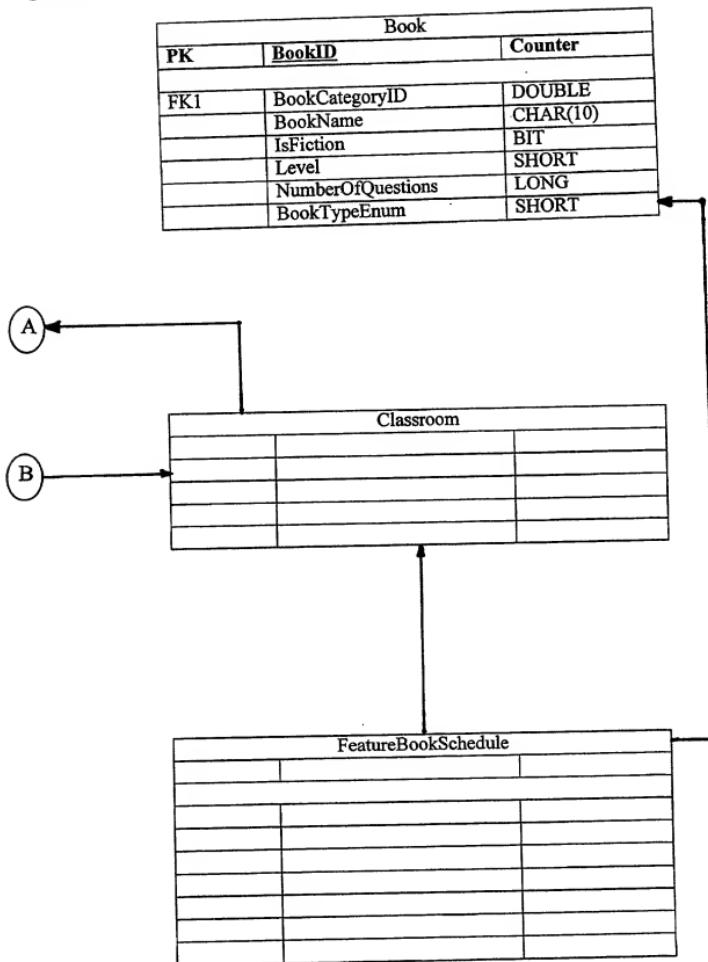
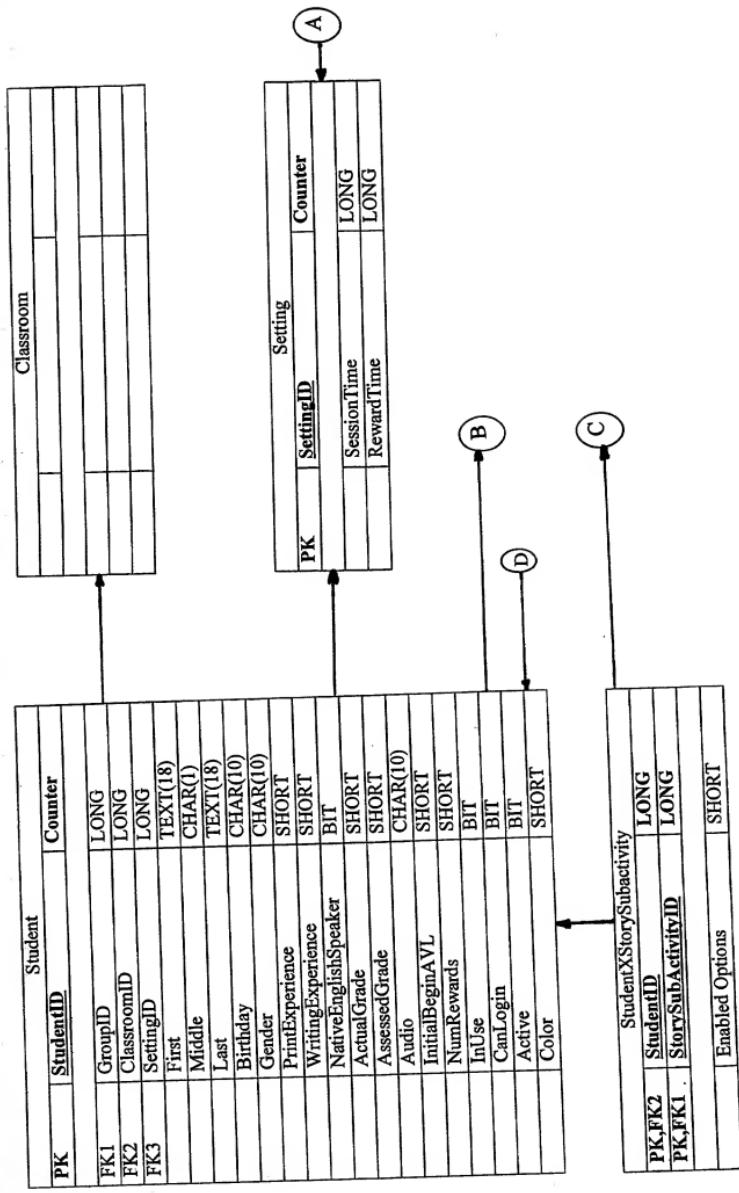
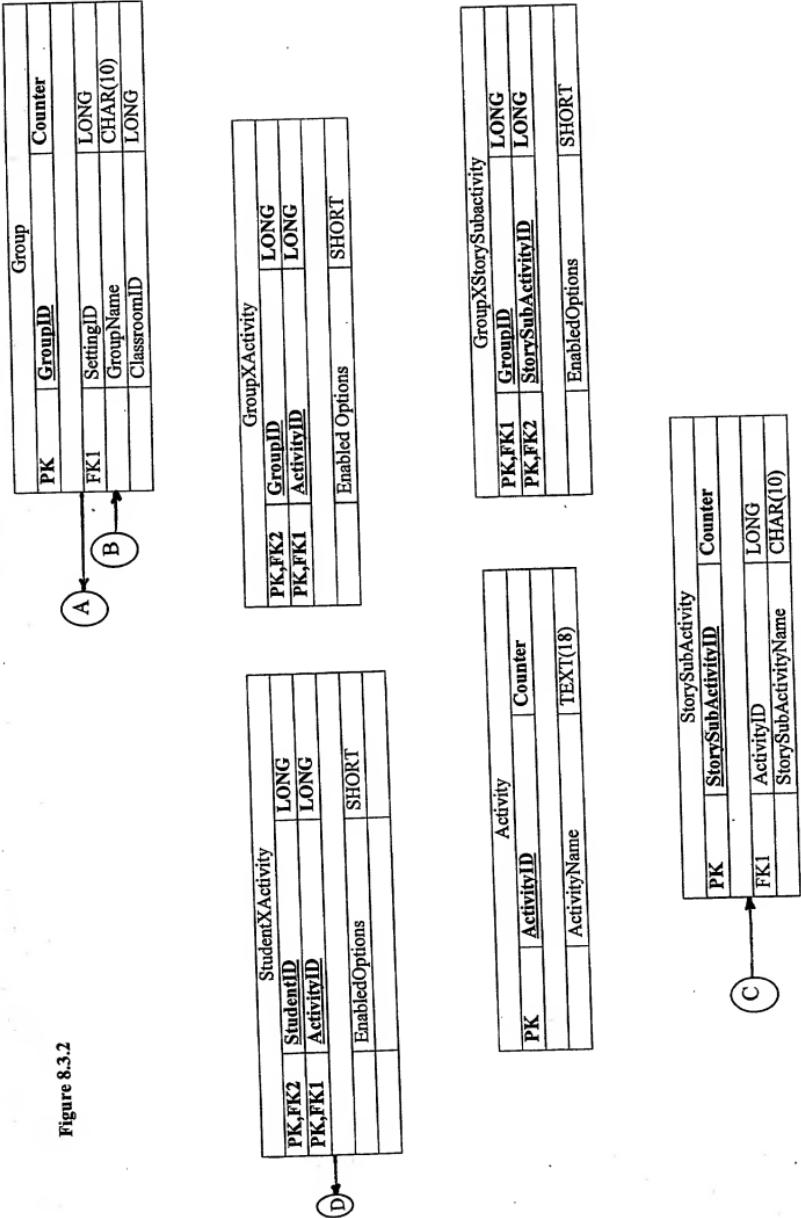


Figure 8.3.1



## Database Design

Figure 8.3.2



<b>Activity</b>	<b>ActivityID</b>	Counter
	<b>ActivityName</b>	TEXT(18)

<b>StorySubActivity</b>	<b>StorySubActivityID</b>	Counter
	<b>ActivityID</b>	LONG

<b>GroupXStorySubActivityXBook</b>	<b>GroupID</b>	LONG
	<b>PK,FK1</b>	LONG
	<b>PK,FK2</b>	LONG
	<b>PK,FK3</b>	LONG

<b>StudentXStorySubActivityXBook</b>	<b>StudentID</b>	LONG
	<b>StorySubActivityID</b>	LONG
	<b>BookID</b>	LONG

<b>Book</b>	<b>BookID</b>	Counter
	<b>BookCategoryID</b>	DOUBLE
	<b>BookName</b>	CHAR(10)
	<b>IsFiction</b>	BIT
	<b>Level</b>	SHORT
	<b>NumberOfQuestions</b>	LONG
	<b>BookTypeEnum</b>	SHORT

<b>BookCategory</b>	<b>BookCategoryID</b>	DOUBLE
	<b>BookCategoryName</b>	TEXT(18)

Figure 8.4.1

Figure 8.4.2

